

DISCOVER EUROPE'S LARGEST STOCK OF PERFORATED SHEETS

Our Stock

PERFORATED SHEETS

ANTI-SLIP SHEET METAL

EXPANDED METALS

CRIMPED WIRE MESH

WELDED WIRE MESH

CRIMPED WIRE MESH FLAT

WIRE CLOTH ON ROLLS

WIRE MESH ON ROLLS

TEXTURED SHEETS

PATTERN ROLLED SHEETS

TEAR PLATES

CHEQUER PLATES

FULL SHEETS

PROFILE EDGINGS

CORNER CONNECTORS

40
YEARS

JAERA



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JAERA: Your reliable supplier since 1982

The company JAERA was established in 1982, meanwhile in the second generation JAERA represents a wide range of products such as perforated and textured sheets, expanded metals, crimped wire and welded wire meshes, tread and chequer plates, woven wire cloth as well as profile edgings and accessories.

By JAERA you will find various materials and the largest perforated sheet stock throughout Europe.

You have the great possibility to choose between more than 250,000 perforated sheets in over 1,400 different types, which are constantly available from stock.

Our Stock sales:

| | |
|-----------------------------------|-----------------------|
| Perforated sheets | more than 1.400 kinds |
| Anti-slip sheet metal | 10 kinds |
| Expanded metals | 70 kinds |
| Crimped wire mesh | 100 kinds |
| Welded mesh | 140 kinds |
| Crimped wire mesh flat | 10 kinds |
| Wire cloth/Wire mesh | 80 kinds |
| Textured sheets | 15 kinds |
| Pattern rolled sheets | 15 kinds |
| Tear plates | 10 kinds |
| Chequer plates | 10 kinds |
| Full sheets | 3 kinds |
| Profile edgings/Corner connectors | 55 kinds |

All articles constantly available from stock

Products und services

✓ Unique services

- Our sales team or your contact person is accessible all day:
Monday – Thursday: 7:15 am – 17:00 pm
Friday: 7:15 am – 14:30 pm
- Prices are immediately available by phone.
Just call us: +49 51 02 91 96-0
- Your inquiries are always very welcome.
For further questions, do not hesitate to contact us directly by phone, fax or e-mail.
Mail: info@jaera.de,
Fax: +49 51 02 9196-20
We will advise you with pleasure. You can also visit us on our website. Your inquiries will be answered in a few minutes.

✓ Processing opportunity

- Cutting up to 2400 mm,
thin sheets up to 3000 mm
- Notching
- Bevelling
- Edging with edging profiles
- Hot galvanizing
- Degreasing
- Grinding
- Anodizing
- Powder coating RAL
- Deburring
- Contract manufacturing: We also punch your sheets on a contract basis
- **JAERA-Plus:** other further processing possible
– Just contact us!
- No minimum charge

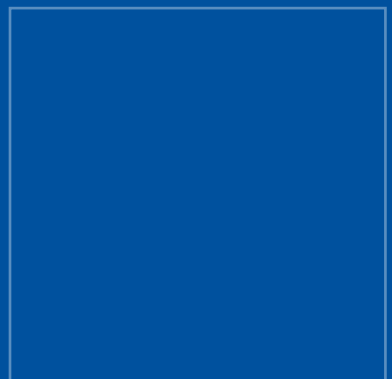
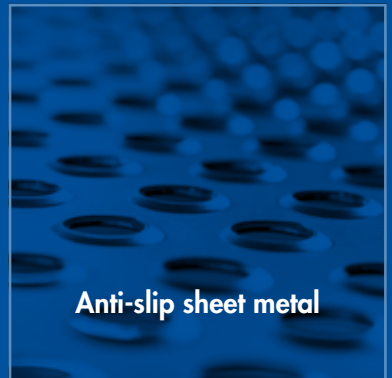
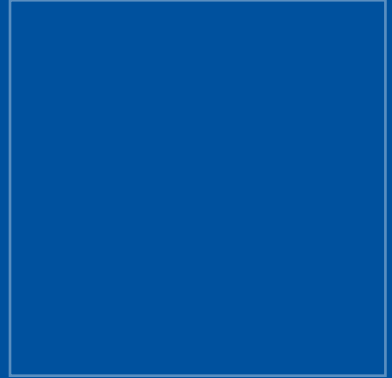
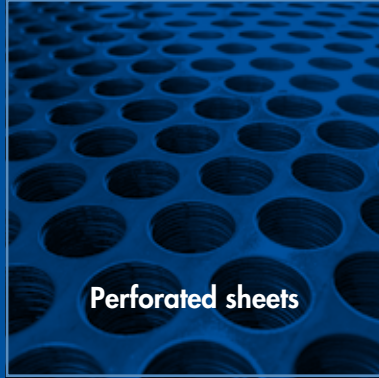
✓ Materials

- Steel
- Perforated sheet made of mild steel hot-dipped galvanized
- Pre-galvanised steel
- Aluminium Al99,5 with PVC
- ALMG3 EN AW5754
- Stainless steel AISI 304 (polished 240 grain and PVC coated one or both sides)
- Stainless steel AISI 316 L
- Stainless steel AISI 321
- Stainless steel AISI 316 Ti
- Brass
- Copper
- **JAERA-Plus:** Other materials are available on request!

✓ Dispatch and delivery time

- Benefit from our flexible and short delivery times
- Delivery time: between 3 and 4 days
- Deliveries are made by one of our contract forwarding agents
- Orders received up to 12:00 am will be despatched the same day!
- We also offer the opportunity for you to collect your order using a forwarding agent of your choice.



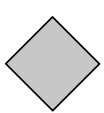

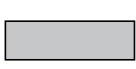

PERFORATED SHEETS



Hole shapes and hole positions

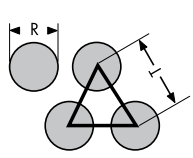
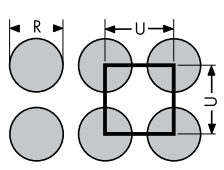
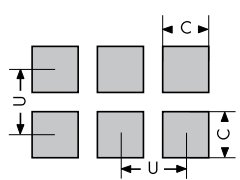
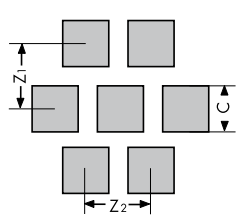
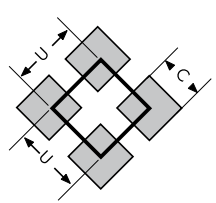
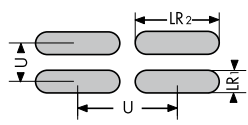
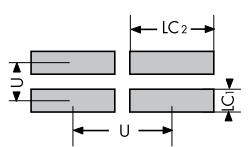
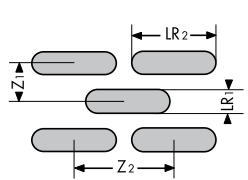
Hole shapes

We distinguish 6 hole shapes:

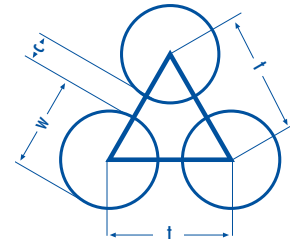
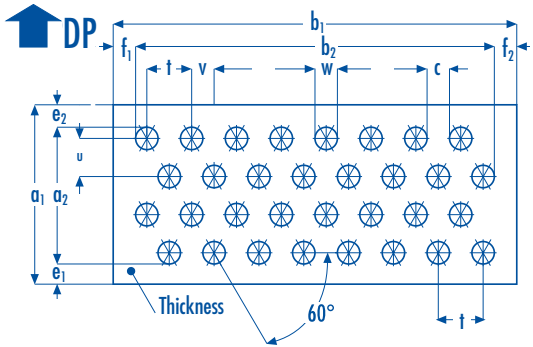
| Symbol | Code | Definition |
|---|------|-------------------------------|
|  | R | Round holes |
|  | C | Square holes |
|  | CD | Square holes, diagonal pitch |
|  | L | Slot holes |
|  | LC | Slot holes, rectangular pitch |
|  | H | Hexagonal holes |

Holes positions

The different hole positions:

| Representation | Code | Definition |
|--|------|---------------------------------|
|  | RT | Round holes, staggered pitch |
|  | RU | Round holes, rectangular pitch |
|  | CU | Square holes, rectangular pitch |
|  | CT | Square holes, staggered pitch |
|  | CDU | Square holes, diagonal pitch |
|  | LRU | Slot holes, rectangular pitch |
|  | LCU | Slot holes, rectangular pitch |
|  | LRZ | Slot holes, staggered pitch |

Round holes staggered pitch (RT)



DP (Direction of the perforation)

$$a_2 = x \cdot u + w$$

x = Number of the clearances; $u = 0,866 t$

$$b_2 = y \cdot v + w$$

y = Number of the clearances; $v = 0,5 t$

Open area approx.:

$$a_0') = \frac{90,7 \cdot w^2}{t^2} = \text{in \%}$$

$$\text{Numbers of holes per m}^2 \quad n = \frac{1,15 \cdot 10^6}{t^2}$$

Definition Open area approx. per l

number of holes/m²

$$t = \sqrt{\frac{1,15 \cdot 10^6}{n}} = \sqrt{\frac{F \cdot 1,15 \cdot 10^6}{N}}$$

It applies: $t = w + c$

(Open area approx. = Diameter of hole + Bridge)

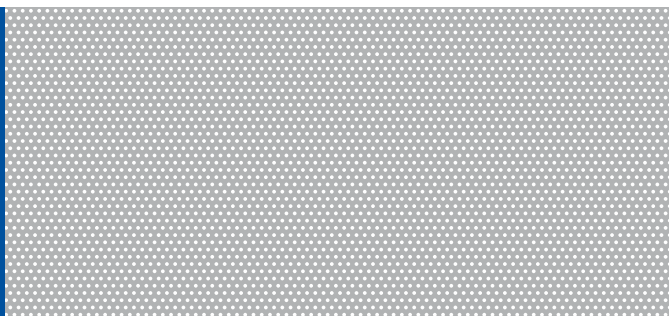
For exemple Round hole RT R5T8

$$w = 5, t = 8, c = 3$$

Round holes staggered pitch RT 0,5-1,09

Open area approx. 19 %

Scale 1:1

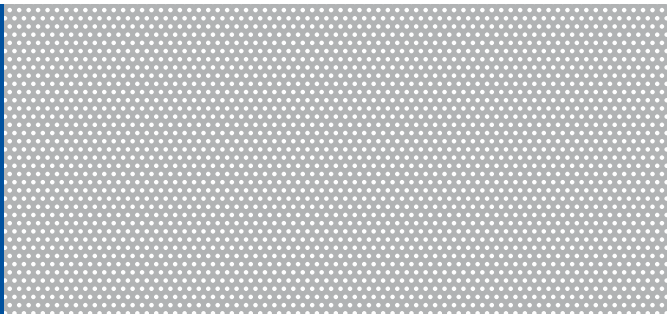


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,50 | | | 3,2 |

Round holes staggered pitch RT 0,5-1,25

Open area approx. 15 %

Scale 1:1

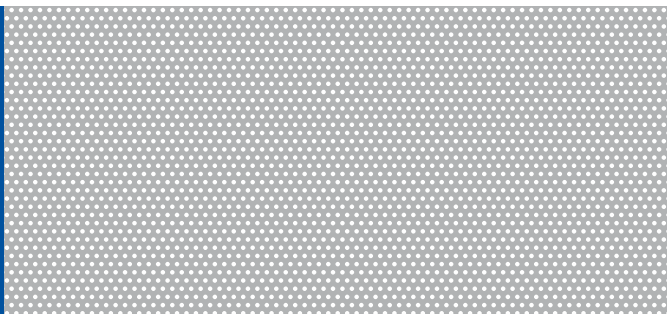


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,50 | | | 3,4 |
| Stainless steel 1.4404 AISI 316 L | 0,50 | | | 3,4 |

Round holes staggered pitch RT 0,6-1,25

Open area approx. 21 %

Scale 1:1

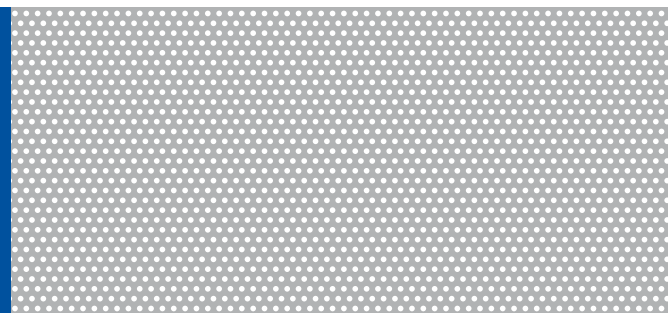


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 0,50 | | | 1,1 |
| Stainless steel 1.4301 AISI 304 | 0,40 | | | 2,5 |

Round holes staggered pitch RT 0,75-1,5

Open area approx. 23 %

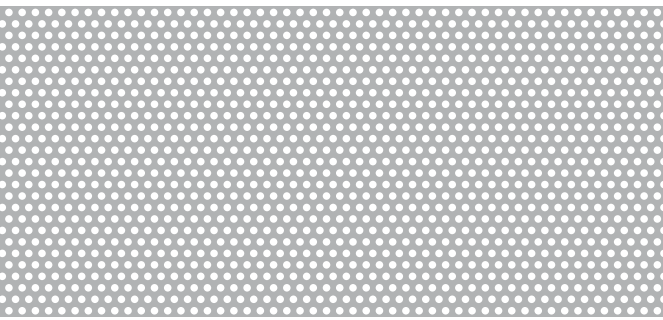
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,75 | | | 4,6 |
| Stainless steel 1.4301 AISI 304 | 0,60 | | | 3,7 |

**Round holes staggered pitch
RT 1-1,75**
Open area approx. 30 %

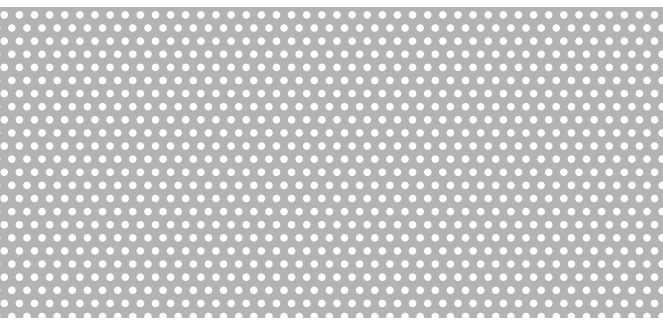
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,6 |

**Round holes staggered pitch
RT 1-2**
Open area approx. 23 %

Scale 1:1

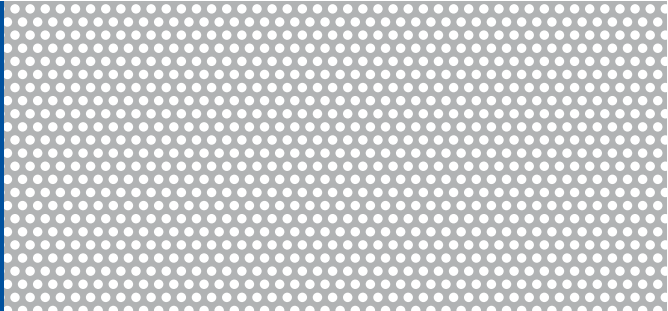


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,75 | | | 4,6 |
| | 1,00 | 1,00 | | 6,2 |
| | 1,50 | | | 9,3 |
| Galvanized steel | 0,75 | | | 4,6 |
| | 1,00 | | | 6,2 |
| | 1,50 | | | 9,3 |
| Aluminium AL99,5 | 1,00 | | | 2,1 |
| Stainless steel 1.4301 AISI 304 | 0,50 | | | 3,1 |
| | 0,80 | 0,80 | | 5,0 |
| | 1,00 | | | 6,2 |
| Stainless steel 1.4404 AISI 316 L | 0,80 | 0,80 | | 5,0 |
| | 1,00 | | | 6,2 |
| | 1,50 | | | 9,3 |
| Stainless steel 1.4571 AISI 316 Ti | 0,80 | 0,80 | | 5,0 |
| | 1,00 | | | 6,2 |
| | 1,50 | | | 9,3 |
| Brass MS 63 hh | 0,80 | | | 5,0 |

Round holes staggered pitch RT 1,25-2

Open area approx. 35 %

Scale 1:1

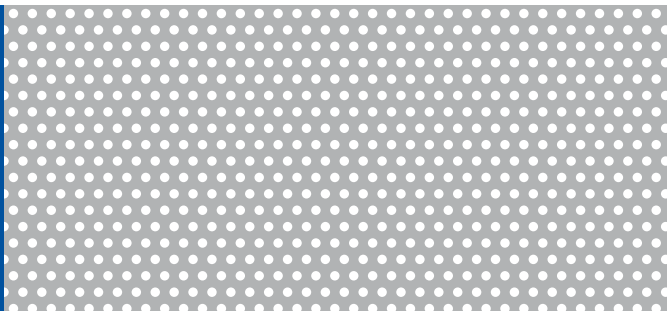


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,2 |

Round holes staggered pitch RT 1,25-2,5

Open area approx. 23 %

Scale 1:1

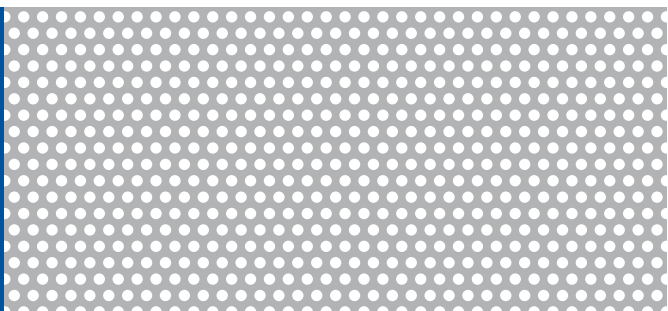


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,75 | | | 4,6 |
| | 1,00 | | | 6,2 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 6,2 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 6,2 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 6,2 |

Round holes staggered pitch RT 1,5-2,5

Open area approx. 33 %

Scale 1:1

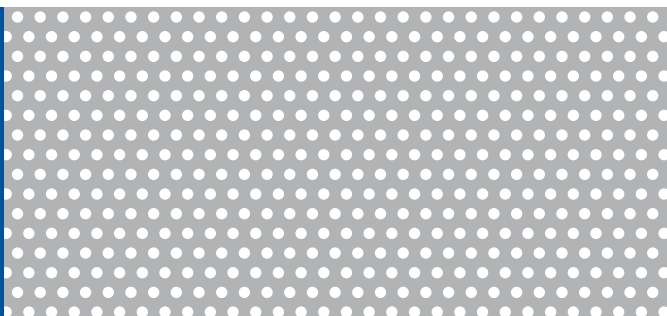


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,75 | 0,75 | | 4,0 |
| | 1,00 | 1,00 | | 5,4 |
| | 1,50 | | | 8,1 |
| Galvanized steel | 0,75 | | | 4,0 |
| | 1,00 | | | 5,4 |

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 1,00 | | | 1,8 |
| Stainless steel 1.4301 AISI 304 | 0,50 | | | 2,7 |
| | 0,80 | | | 4,3 |
| | 1,00 | | | 5,4 |
| | 1,50 | | | 8,1 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 5,4 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 5,4 |

**Round holes staggered pitch
RT 1,5-3**
Open area approx. 23 %

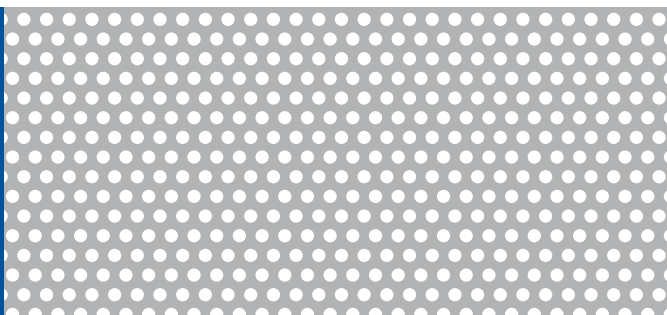
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | 1,00 | 6,2 |
| | 1,50 | | | 9,3 |
| | 2,00 | | | 12,4 |
| Galvanized steel | 1,00 | | | 6,2 |
| | 1,50 | | | 9,3 |
| Aluminium AL99,5 | 0,80 | | | 1,7 |
| Aluminium anodized E6/EV1 | 0,80 | | | 1,7 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 6,2 |
| | 1,50 | 1,50 | | 9,3 |
| Brass MS 63 hh | 0,80 | | | 5,0 |

**Round holes staggered pitch
RT 1,75-3**
Open area approx. 31 %

Scale 1:1

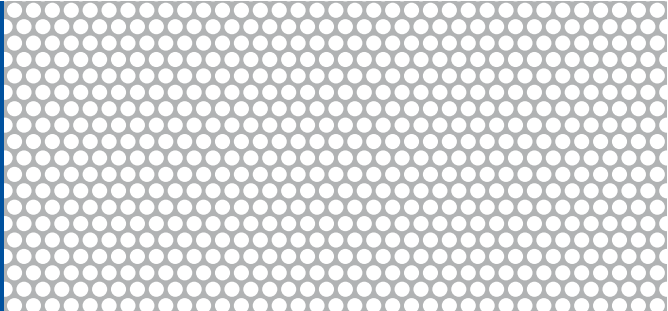


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,5 |
| | 1,50 | | | 8,3 |

Round holes staggered pitch RT 2-2,5

Open area approx. 58 %

Scale 1:1

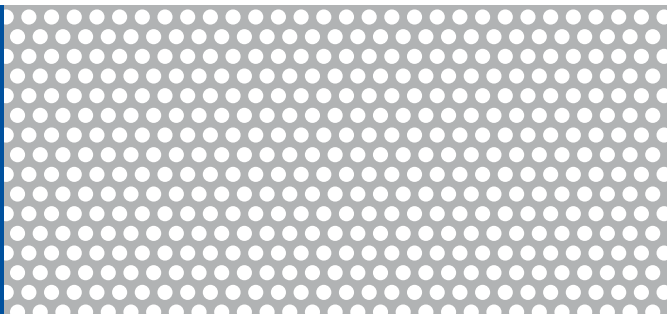


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,4 |

Round holes staggered pitch RT 2-3

Open area approx. 40 %

Scale 1:1

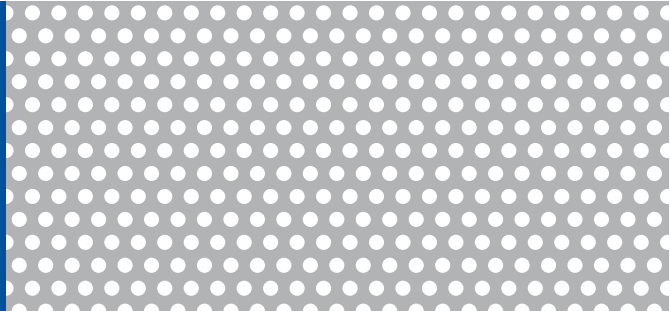


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | | | 9,6 |
| Galvanized steel | 1,00 | 1,00 | | 4,8 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,8 |
| | 1,50 | | | 7,2 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,8 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,8 |

Round holes staggered pitch RT 2-3,5

Open area approx. 30 %

Scale 1:1



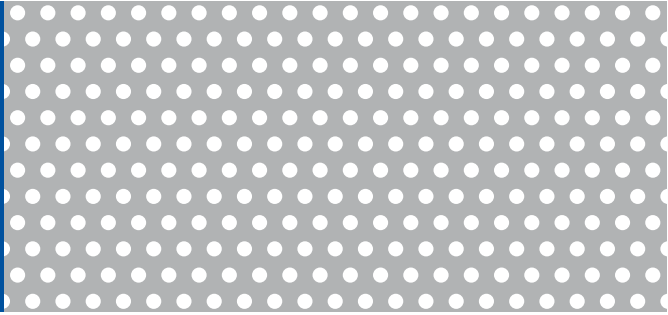
Perforated sheets
RT

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,50 | | | 2,8 |
| | 0,75 | | | 4,2 |
| | 1,00 | 1,00 | | 5,6 |
| | 1,50 | 1,50 | | 8,4 |
| | 2,00 | 2,00 | | 11,3 |
| feueRterzinktes Vormaterial | 0,75 | | 0,75 | 4,2 |
| | 1,00 | 1,00 | | 5,6 |
| | 1,50 | 1,50 | 1,50 | 8,4 |
| | 2,00 | | | 11,3 |
| Aluminium AL99,5 | 1,00 | 1,00 | | 1,9 |
| | 1,50 | 1,50 | | 2,9 |
| | 2,00 | | | 3,8 |
| Stainless steel 1.4301 AISI 304 | 0,50 | | | 2,8 |
| | 0,80 | | | 4,5 |
| | 1,00 | 1,00 | | 5,6 |
| | 1,50 | 1,50 | 1,50 | 8,4 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 5,6 |
| | 1,50 | | | 8,4 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 5,6 |
| | 1,50 | | 1,50 | 8,4 |
| Brass MS 63 hh | 0,80 | | | 4,5 |

Round holes staggered pitch RT 2-4

Open area approx. 23 %

Scale 1:1

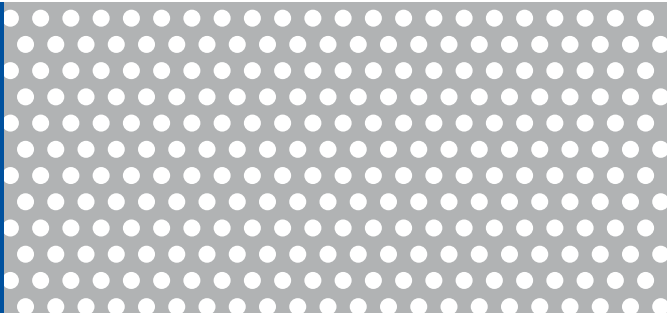


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 12,4 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | 12,4 |
| Stainless steel 1.4404 AISI 316 L | 1,50 | | | 9,3 |
| | 2,00 | | | 12,4 |
| Stainless steel 1.4571 AISI 316 Ti | 1,50 | | | 9,3 |
| | 2,00 | | | 12,4 |

Round holes staggered pitch RT 2,25-4

Open area approx. 29 %

Scale 1:1

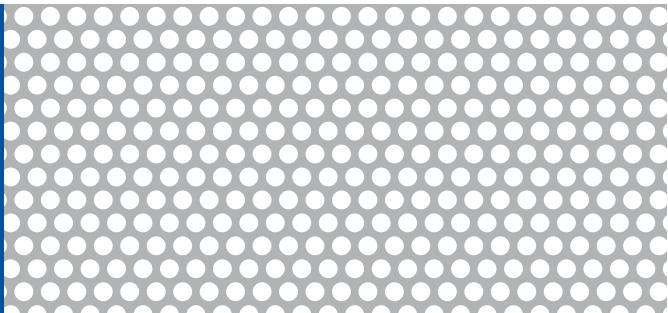


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 8,6 |

Round holes staggered pitch RT 2,5-3,5

Open area approx. 46 %

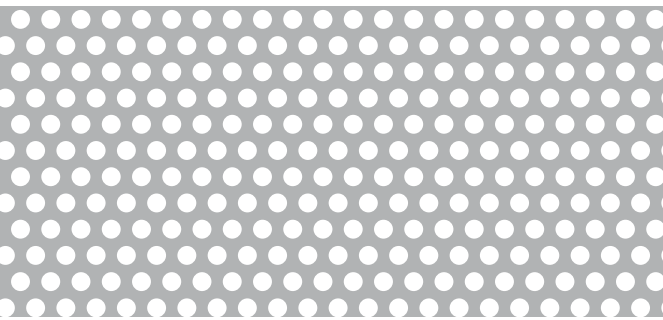
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 8,6 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,3 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,3 |

**Round holes staggered pitch
RT 2,5-4**
Open area approx. 35 %

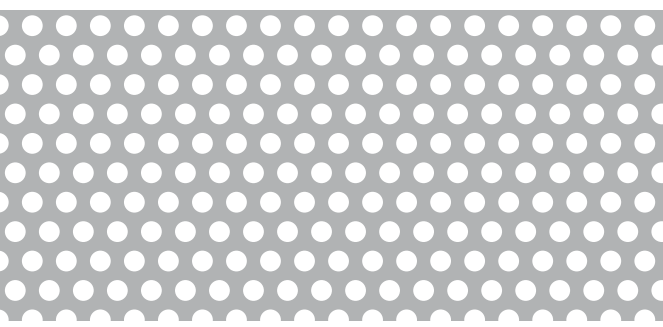
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,2 |
| | 1,50 | 1,50 | | 7,8 |
| | 2,00 | 2,00 | | 10,3 |
| | 2,50 | | | 12,9 |
| Galvanized steel | 1,00 | 1,00 | 1,00 | 5,2 |
| Aluminium ALMG3 | | 1,00 | | 1,7 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 5,2 |

**Round holes staggered pitch
RT 2,75-4,5**
Open area approx. 34 %

Scale 1:1

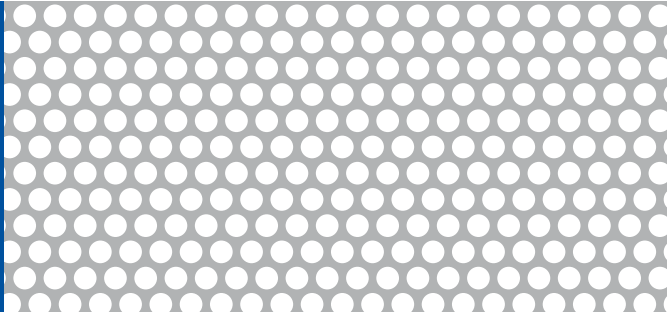


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,0 | | | 10,6 |

Round holes staggered pitch RT 3-4

Open area approx. 51 %

Scale 1:1

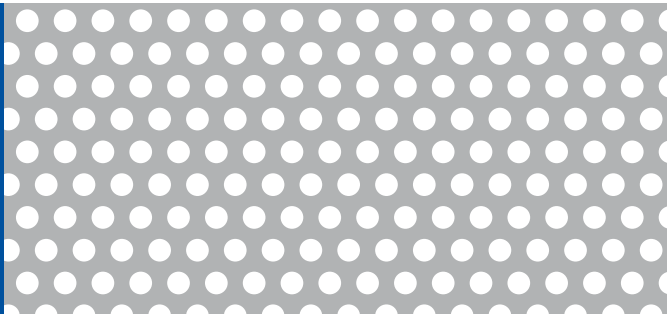


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 3,9 |
| | 1,50 | | | 5,9 |
| | 2,00 | | 2,00 | 7,8 |
| | 3,00 | 3,00 | 3,00 | 11,8 |
| Galvanized steel | 1,00 | 1,00 | | 3,9 |
| Aluminium AL99,5 | 1,00 | | | 1,3 |
| Stainless steel 1.4301 AISI 304 | 0,80 | | | 3,1 |
| | 1,00 | | | 3,9 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 3,9 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 3,9 |

Round holes staggered pitch RT 3-5

Open area approx. 33 %

Scale 1:1



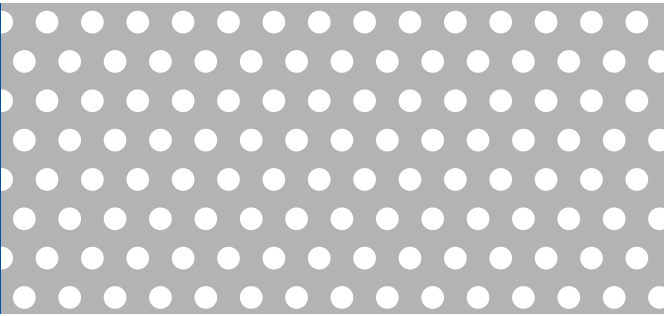
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,75 | 0,75 | | 4,0 |
| | 1,00 | 1,00 | 1,00 | 5,4 |
| | 1,50 | 1,50 | 1,50 | 8,1 |
| | 2,00 | 2,00 | 2,00 | 10,8 |
| | 3,00 | 3,00 | 3,00 | 16,2 |
| Galvanized steel | 0,75 | | | 4,0 |
| | 1,00 | 1,00 | 1,00 | 5,4 |
| | 1,50 | 1,50 | 1,50 | 8,1 |
| | 2,00 | 2,00 | 2,00 | 10,8 |

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 0,80 | | | 1,5 |
| | 1,00 | 1,00 | 1,00 | 1,8 |
| | 1,50 | 1,50 | 1,50 | 2,7 |
| | 2,00 | 2,00 | 2,00 | 3,6 |
| | 3,00 | 3,00 | 3,00 | 5,5 |
| Aluminium ALMG3 | 1,00 | 1,00 | | 1,8 |
| | 1,50 | 1,50 | | 2,7 |
| | | 2,00 | | 3,6 |
| Stainless steel 1.4301 AISI 304 | 0,50 | | | 2,7 |
| | 0,80 | | | 4,3 |
| | 1,00 | 1,00 | 1,00 | 5,4 |
| | 1,50 | 1,50 | 1,50 | 8,1 |
| | 2,00 | 2,00 | 2,00 | 10,8 |
| | 3,00 | 3,00 | 3,00 | 16,2 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,00 | | | 5,4 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 8,1 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | 1,00 | 1,00 | 5,4 |
| | 1,50 | 1,50 | 1,50 | 8,1 |
| | 2,00 | 2,00 | 2,00 | 10,8 |
| | 3,00 | 3,00 | | 16,2 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | 1,00 | 1,00 | 5,4 |
| | 1,50 | 1,50 | 1,50 | 8,1 |
| | 2,00 | 2,00 | 2,00 | 10,8 |
| | 3,00 | 3,00 | | 16,2 |

**Round holes staggered pitch
RT 3-6**

Open area approx. 23 %

Scale 1:1

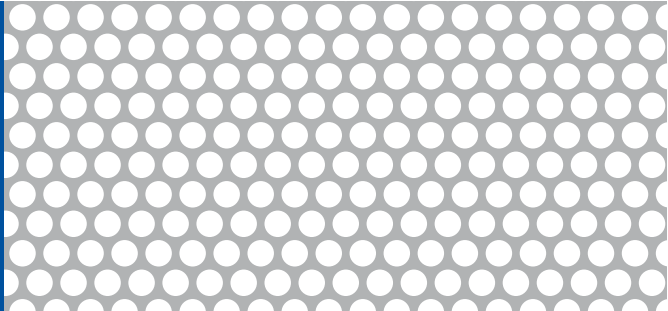


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 18,6 |
| Stainless steel 1.4301 AISI 304 | 3,00 | | | 18,6 |

Round holes staggered pitch RT 3,5-4,5

Open area approx. 55 %

Scale 1:1

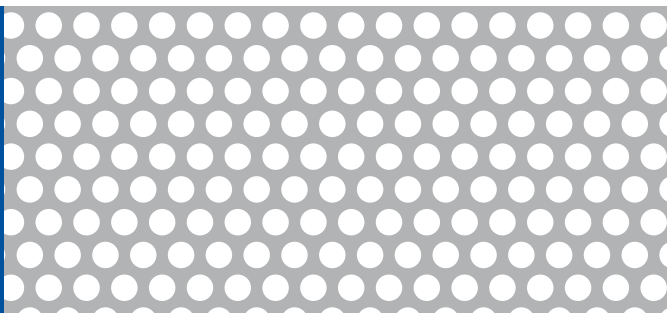


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 7,2 |
| | 3,00 | | 3,00 | 10,8 |
| Stainless steel 1.4301 AISI 304 | | 1,00 | | 3,6 |

Round holes staggered pitch RT 3,5-5

Open area approx. 44 %

Scale 1:1

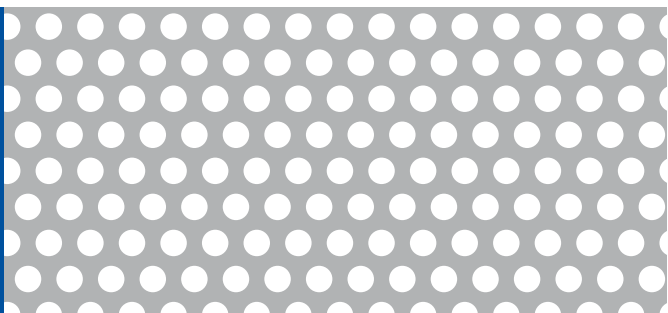


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,4 |
| | 2,00 | | | 8,9 |
| | 3,00 | | | 13,3 |

Round holes staggered pitch RT 3,5-5,5

Open area approx. 37 %

Scale 1:1

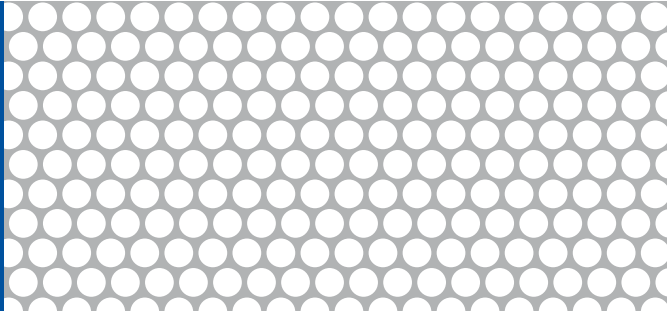


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 7,6 |
| | 2,00 | | | 10,1 |
| | 3,00 | 3,00 | | 15,2 |

Round holes staggered pitch RT 3,8-4,5

Open area approx. 65 %

Scale 1:1

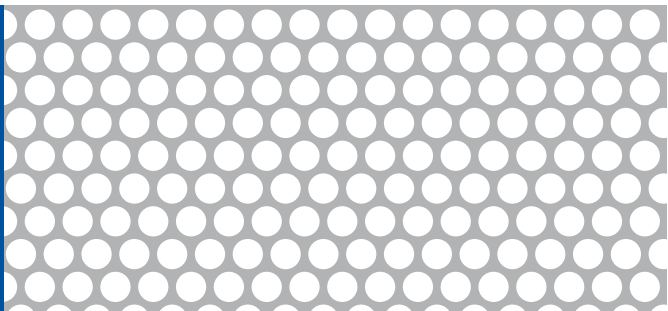


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | | 1,00 | | 2,8 |

Round holes staggered pitch RT 4-5

Open area approx. 58 %

Scale 1:1

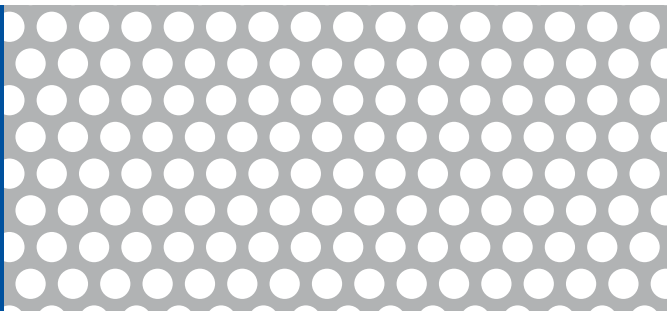


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,4 |
| | 1,50 | 1,50 | | 5,0 |
| Aluminium AL99,5 | 1,00 | | | 1,1 |

Round holes staggered pitch RT 4-5,5

Open area approx. 48 %

Scale 1:1

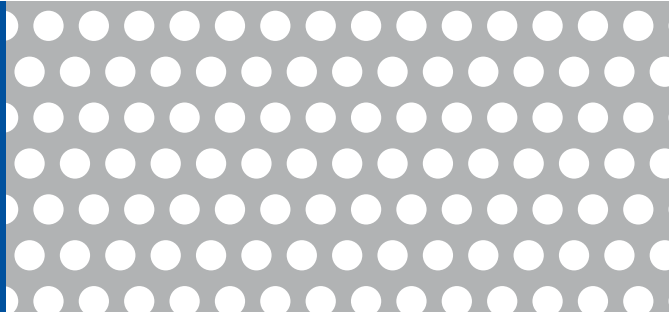


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 8,3 |
| | 3,00 | | | 12,5 |

Round holes staggered pitch RT 4-6

Open area approx. 40 %

Scale 1:1

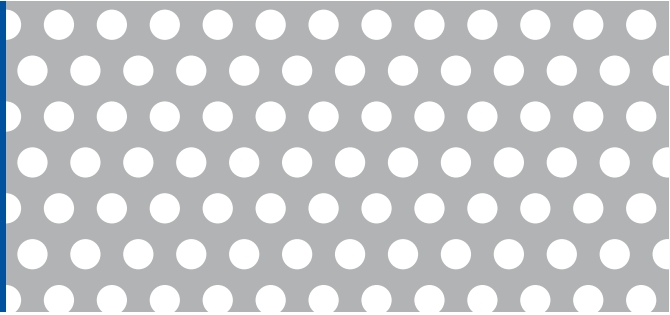


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | 1,00 | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | 3,00 | 3,00 | 14,3 |
| Galvanized steel | 0,75 | 0,75 | 0,75 | 3,6 |
| | 1,00 | 1,00 | 1,00 | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| Aluminium AL99,5 | 0,80 | | | 1,3 |
| | 1,00 | 1,00 | 1,00 | 1,6 |
| | 1,50 | 1,50 | 1,50 | 2,4 |
| | 2,00 | 2,00 | 2,00 | 3,2 |
| Aluminium ALMG3 | 1,00 | 1,00 | 1,00 | 1,6 |
| | 1,50 | 1,50 | 1,50 | 2,4 |
| Stainless steel 1.4301 AISI 304 | 0,80 | | | 3,8 |
| | 1,00 | 1,00 | 1,00 | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | 1,00 | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | 2,00 | | 9,6 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | 1,00 | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | 2,00 | | 9,6 |

Round holes staggered pitch RT 4-7

Open area approx. 30 %

Scale 1:1

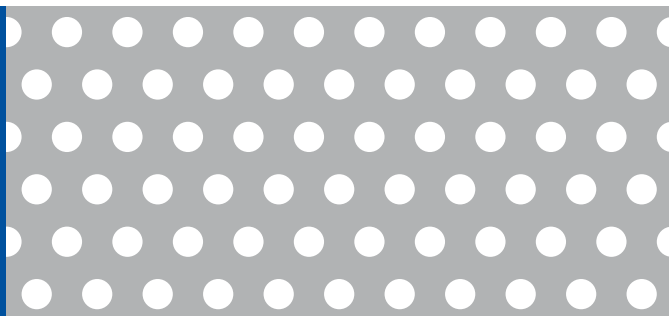


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 11,3 |
| | 3,00 | 3,00 | | 16,9 |
| | 4,00 | 4,00 | | 22,5 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | 11,3 |
| | 3,00 | | | 16,9 |
| Stainless steel 1.4404 AISI 316 L | 3,00 | | | 16,9 |
| Stainless steel 1.4571 AISI 316 Ti | 3,00 | | | 16,9 |

Round holes staggered pitch RT 4-8

Open area approx. 23 %

Scale 1:1

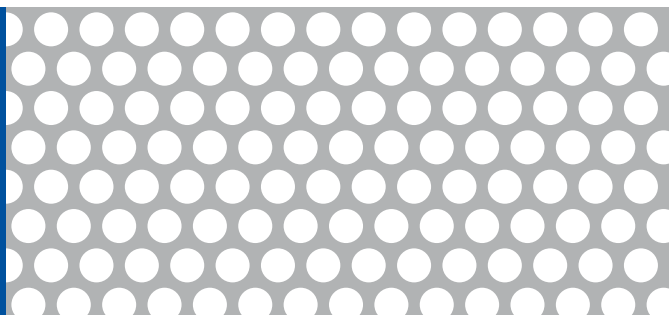


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4404 AISI 316 L | 1,50 | | | 9,3 |
| Stainless steel 1.4571 AISI 316 Ti | 1,50 | | | 9,3 |

Round holes staggered pitch RT 4,5-6

Open area approx. 51 %

Scale 1:1

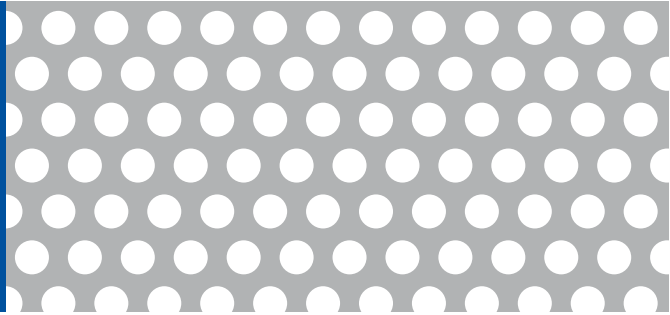


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,9 |
| | 2,00 | | | 7,8 |
| | 3,00 | | | 11,8 |

Round holes staggered pitch RT 4,5-7

Open area approx. 38 %

Scale 1:1

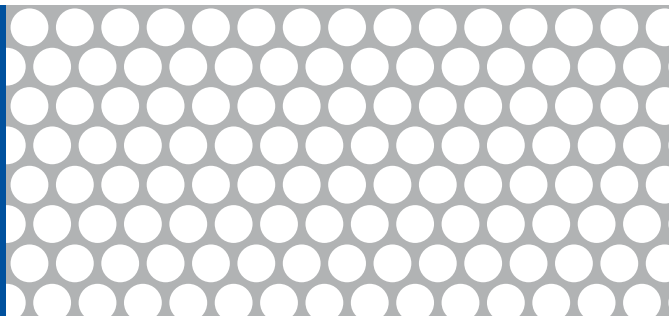


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 15,0 |

Round holes staggered pitch RT 5-6

Open area approx. 63 %

Scale 1:1

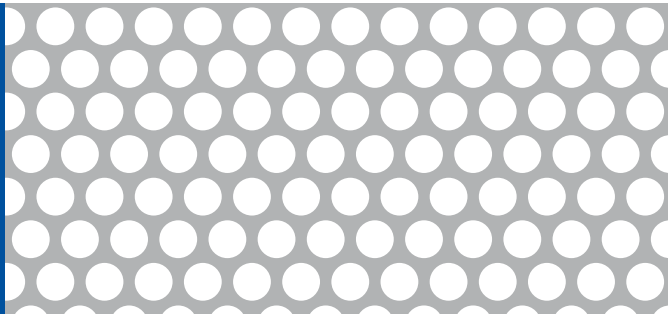


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 3,0 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 3,0 |

Round holes staggered pitch RT 5-6,5

Open area approx. 54 %

Scale 1:1

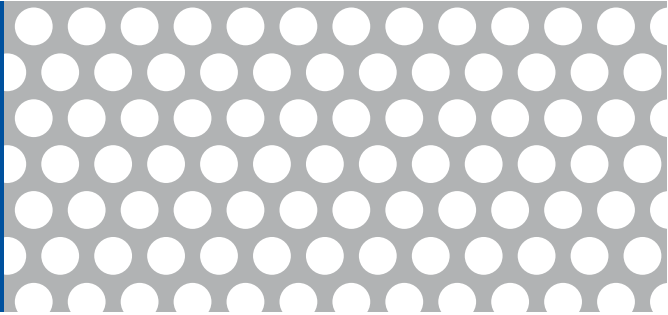


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 3,00 | | 11,1 |

Round holes staggered pitch RT 5-7

Open area approx. 46 %

Scale 1:1



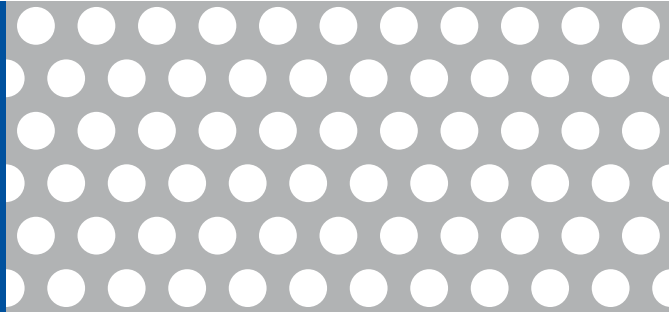
Perforated sheets
RT

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,75 | | | 3,2 |
| | 1,00 | | | 4,3 |
| | 1,50 | 1,50 | | 6,4 |
| | 2,00 | | | 8,6 |
| | 3,00 | | | 12,9 |
| Galvanized steel | 0,75 | 0,75 | | 3,2 |
| | 1,00 | 1,00 | 1,00 | 4,3 |
| | 1,50 | 1,50 | 1,50 | 6,4 |
| Aluminium AL99,5 | 1,00 | | | 1,4 |
| | 1,50 | | | 2,2 |
| Stainless steel 1.4301 AISI 304 | 0,50 | | | 2,1 |
| | 1,00 | | | 4,3 |
| | 1,50 | 1,50 | 1,50 | 6,4 |
| | 2,00 | | | 8,6 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,3 |
| | 1,50 | | | 6,4 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,3 |
| | 1,50 | | | 6,4 |

Round holes staggered pitch RT 5-8

Open area approx. 35 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,50 | | | 2,6 |
| | 0,75 | | | 3,9 |
| | 1,00 | 1,00 | 1,00 | 5,2 |
| | 1,50 | 1,50 | 1,50 | 7,8 |
| | 2,00 | 2,00 | 2,00 | 10,3 |
| | 3,00 | 3,00 | 3,00 | 15,5 |
| | 4,00 | | | 20,7 |
| | 5,00 | 5,00 | | 25,8 |
| Galvanized steel | 0,75 | | | 3,9 |
| | 1,00 | 1,00 | 1,00 | 5,2 |
| | 1,50 | 1,50 | 1,50 | 7,8 |
| | 2,00 | 2,00 | 2,00 | 10,3 |
| | 3,00 | 3,00 | 3,00 | 15,5 |
| Aluminium AL99,5 | 0,80 | 0,80 | | 1,4 |
| | 1,00 | 1,00 | 1,00 | 1,7 |
| | 1,50 | 1,50 | 1,50 | 2,6 |
| | 2,00 | 2,00 | 2,00 | 3,5 |
| | 3,00 | 3,00 | 3,00 | 5,2 |
| Aluminium anodized E6/EV1 | 1,50 | | | 2,6 |
| Aluminium ALMG3 | 1,00 | 1,00 | 1,00 | 1,7 |
| | 1,50 | 1,50 | | 2,6 |
| | 2,00 | 2,00 | 2,00 | 3,5 |
| | 3,00 | | | 5,2 |
| Stainless steel 1.4301 AISI 304 | 0,60 | | | 3,1 |
| | 0,80 | 0,80 | | 4,1 |
| | 1,00 | 1,00 | 1,00 | 5,2 |
| | 1,50 | 1,50 | 1,50 | 7,8 |
| | 2,00 | 2,00 | 2,00 | 10,3 |
| | 3,00 | 3,00 | 3,00 | 15,5 |
| | 4,00 | | | 20,7 |
| | 5,00 | 5,00 | 5,00 | 25,8 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | | | 1,00 | 5,2 |
| | 1,50 | 1,50 | | 7,8 |
| | 2,00 | 2,00 | | 10,3 |

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 7,8 |
| | 2,00 | | | 10,3 |
| Stainless steel 1.4404 AISI 316 L | 0,80 | | | 4,1 |
| | 1,00 | 1,00 | 1,00 | 5,2 |
| | 1,50 | 1,50 | 1,50 | 7,8 |
| | 2,00 | 2,00 | 2,00 | 10,3 |
| | 3,00 | 3,00 | | 15,5 |
| Stainless steel 1.4571 AISI 316 Ti | 0,80 | | | 4,1 |
| | 1,00 | 1,00 | 1,00 | 5,2 |
| | 1,50 | 1,50 | 1,50 | 7,8 |
| | 2,00 | 2,00 | 2,00 | 10,3 |
| | 3,00 | 3,00 | | 15,5 |
| Brass MS 63 hh | 1,50 | | | 7,8 |
| Copper | 1,00 | | | 5,2 |

**Round holes staggered pitch
RT 5-9**
Open area approx. 28 %

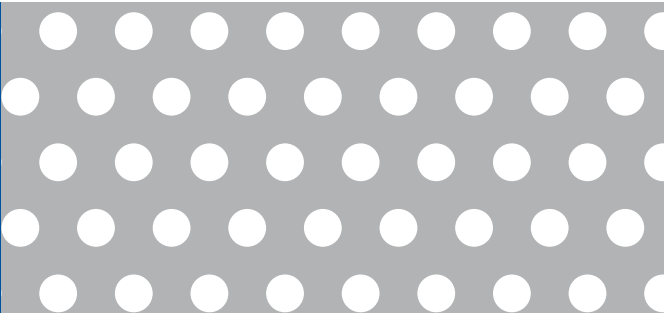
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 5,00 | | | 28,8 |

**Round holes staggered pitch
RT 5-10**
Open area approx. 23 %

Scale 1:1

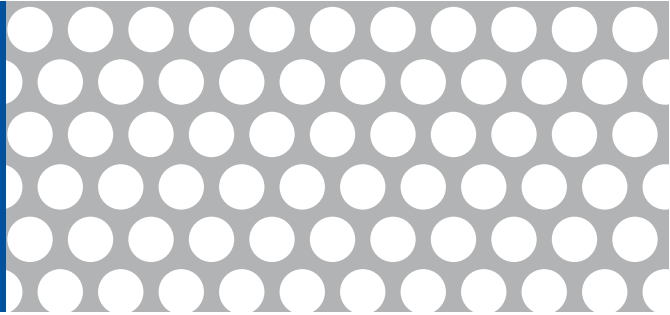


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 18,6 |
| | 5,00 | | | 30,9 |

Round holes staggered pitch RT 6-8

Open area approx. 51 %

Scale 1:1

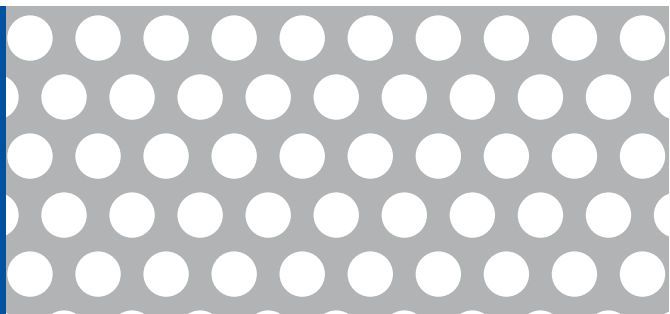


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 3,9 |
| | 1,50 | 1,50 | | 5,9 |
| | 2,00 | | | 7,8 |
| | 3,00 | | | 11,8 |
| Galvanized steel | 1,00 | 1,00 | 1,00 | 3,9 |
| | 1,50 | 1,50 | 1,50 | 5,9 |
| | | 2,00 | | 7,8 |
| Aluminium AL99,5 | 1,00 | | | 1,3 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 3,9 |
| | 1,50 | | | 5,9 |
| | 2,00 | | | 7,8 |
| Stainless steel 1.4404 AISI 316 L | 1,50 | | | 5,9 |
| Stainless steel 1.4571 AISI 316 Ti | 1,50 | | | 5,9 |

Round holes staggered pitch RT 6-9

Open area approx. 40 %

Scale 1:1



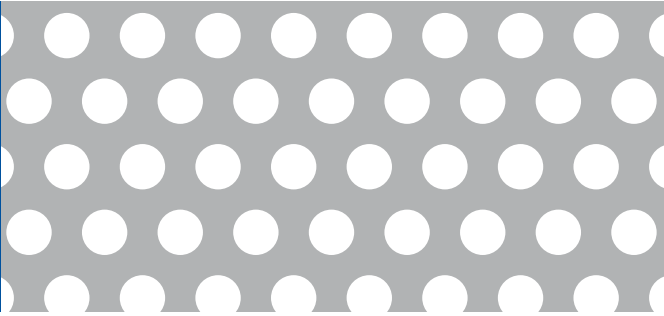
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 0,75 | | 3,6 |
| | 1,00 | | | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | 3,00 | 3,00 | 14,3 |
| | 4,00 | | | 19,1 |
| | | | | 5,00 |

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 0,75 | | | 3,6 |
| | 1,00 | | | 4,8 |
| | 1,50 | 1,50 | | 7,2 |
| | 2,00 | | | 9,6 |
| Aluminium AL99,5 | 1,50 | | | 2,4 |
| | 2,00 | | | 3,2 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | | 9,6 |
| | 3,00 | | | 14,3 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | | | 9,6 |
| | 3,00 | | | 14,3 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | | | 9,6 |
| | 3,00 | | | 14,3 |

**Round holes staggered pitch
RT 6-10**

Open area approx. 33 %

Scale 1:1

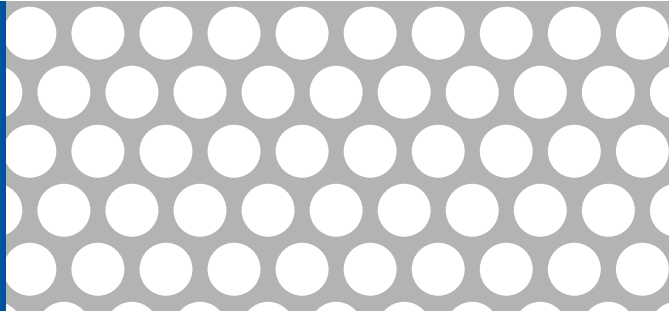


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 4,00 | | | 21,6 |

Round holes staggered pitch RT 7-9

Open area approx. 55 %

Scale 1:1

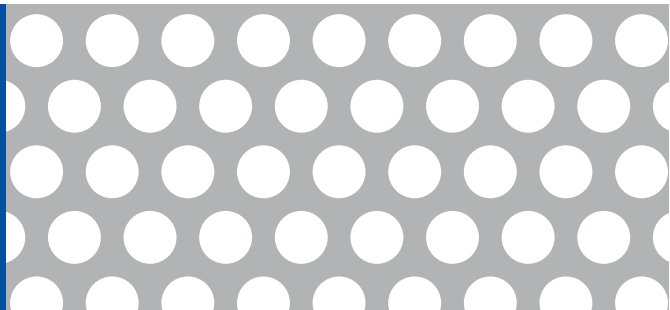


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,6 |
| | 1,50 | | | 5,4 |
| | 2,00 | 2,00 | | 7,2 |
| | 3,00 | | | 10,8 |

Round holes staggered pitch RT 7-10

Open area approx. 44 %

Scale 1:1

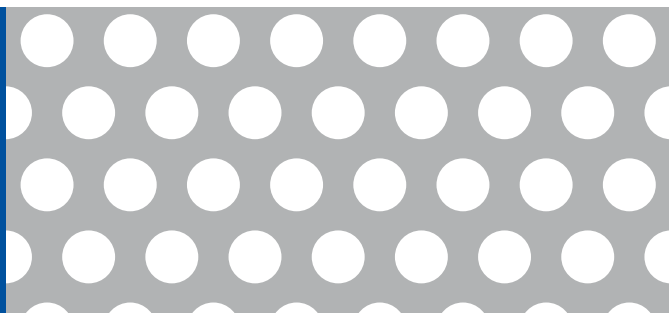


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 6,7 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,4 |

Round holes staggered pitch RT 7-11

Open area approx. 37 %

Scale 1:1

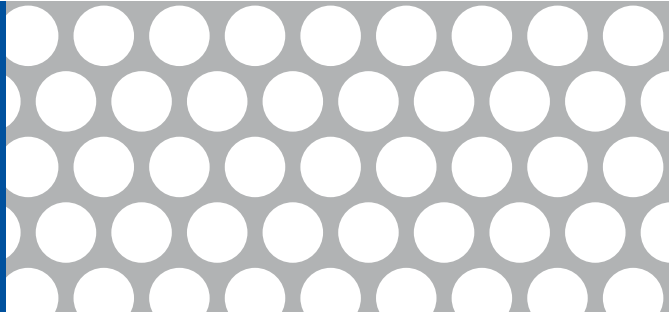


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | | 2,00 | 10,1 |

Round holes staggered pitch RT 8-10

Open area approx. 58 %

Scale 1:1

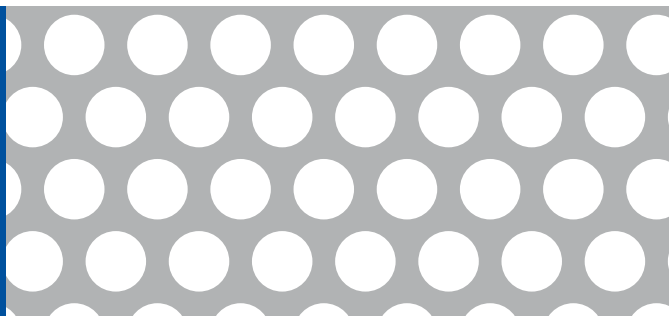


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,4 |
| | 1,50 | 1,50 | | 5,0 |
| | 2,00 | | | 6,7 |
| Galvanized steel | 0,75 | | | 2,5 |
| | 1,00 | | 1,00 | 3,4 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 3,4 |
| | 1,50 | | | 5,0 |

Round holes staggered pitch RT 8-11

Open area approx. 48 %

Scale 1:1

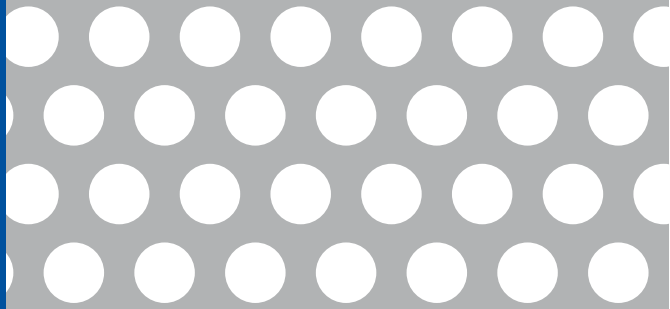


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,2 |
| | 1,50 | | | 6,2 |
| | 2,00 | | | 8,3 |
| Galvanized steel | 1,00 | | | 4,2 |
| | 1,50 | | | 6,2 |
| | 2,00 | | | 8,3 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,2 |
| | 1,50 | | | 6,2 |
| | 2,00 | | 2,00 | 8,3 |
| | | | 3,00 | 12,5 |
| Stainless steel 1.4404 AISI 316 L | 1,50 | | | 6,2 |
| | 3,00 | | | 12,5 |
| Stainless steel 1.4571 AISI 316 Ti | 1,50 | | | 6,2 |
| | 3,00 | | | 12,5 |

Round holes staggered pitch RT 8-12

Open area approx. 40 %

Scale 1:1

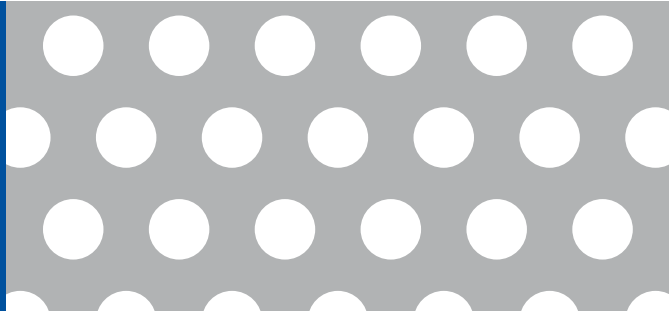


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | 3,00 | 3,00 | 14,3 |
| | 4,00 | | | 19,1 |
| | 5,00 | | 5,00 | 23,9 |
| Galvanized steel | 1,00 | 1,00 | | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | | | 14,3 |
| Aluminium AL99,5 | 1,00 | | | 1,6 |
| | 1,50 | 1,50 | 1,50 | 2,4 |
| | 2,00 | 2,00 | 2,00 | 3,2 |
| | 3,00 | 3,00 | 3,00 | 4,8 |
| Aluminium anodized E6/EV1 | 2,00 | | | 3,2 |
| Aluminium ALMG3 | 1,00 | | | 1,6 |
| | 1,50 | | | 2,4 |
| | 2,00 | | | 3,2 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | 1,00 | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | 3,00 | | 14,3 |
| | 4,00 | | | 19,1 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 7,2 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 7,2 |
| | 2,00 | | | 9,6 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,8 |
| | 1,50 | 1,50 | | 7,2 |
| | 2,00 | | | 9,6 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,8 |
| | 1,50 | 1,50 | | 7,2 |
| | 2,00 | | | 9,6 |

Round holes staggered pitch RT 8-14

Open area approx. 30 %

Scale 1:1

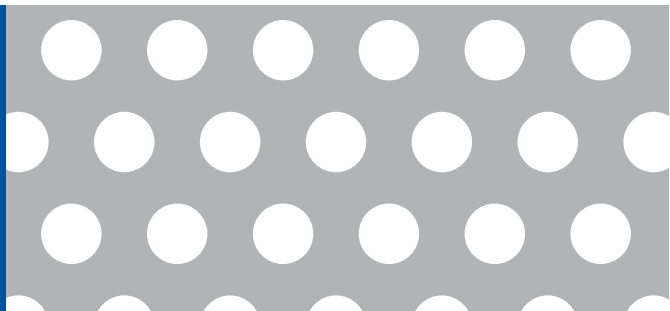


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 6,00 | | | 33,8 |

Round holes staggered pitch RT 8-15

Open area approx. 26 %

Scale 1:1

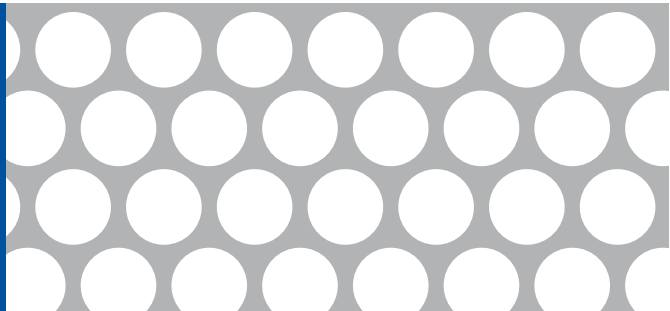


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 8,00 | | | 47,5 |

Round holes staggered pitch RT 10-12

Open area approx. 63 %

Scale 1:1

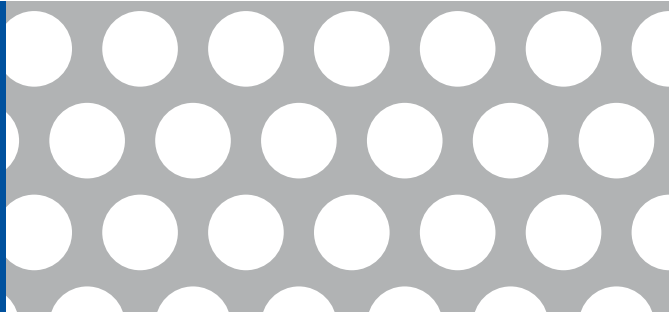


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,0 |
| | 2,00 | | | 5,9 |
| Aluminium AL99,5 | 2,00 | | | 2,0 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | 5,9 |

Round holes staggered pitch RT 10-14

Open area approx. 46 %

Scale 1:1

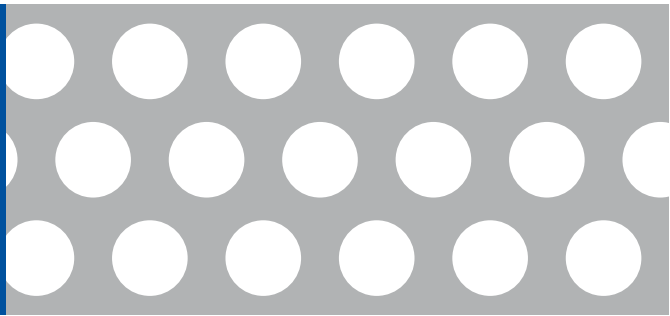


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,3 |
| | 1,50 | | | 6,4 |
| | 2,00 | | | 8,6 |
| | 3,00 | | | 12,9 |
| Galvanized steel | 1,50 | | | 6,4 |
| | 2,00 | | | 8,6 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,3 |
| | 1,50 | | | 6,4 |
| | 2,00 | | | 8,6 |

Round holes staggered pitch RT 10-15

Open area approx. 40 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | 1,00 | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | 3,00 | 3,00 | 14,3 |
| | 4,00 | | 4,00 | 19,1 |
| | 5,00 | 5,00 | 5,00 | 23,9 |
| | 6,00 | | | 28,6 |
| Steel hot-dipped galvanised | 1,50 | 1,50 | | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | | | 14,3 |
| Galvanized steel | 1,00 | 1,00 | 1,00 | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | | | 14,3 |

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 1,00 | | | 1,6 |
| | 1,50 | 1,50 | 1,50 | 2,4 |
| | 2,00 | 2,00 | 2,00 | 3,2 |
| | 3,00 | 3,00 | 3,00 | 4,8 |
| | | 4,00 | | 6,4 |
| Aluminium anodized E6/EV1 | 1,50 | | | 2,4 |
| Aluminium ALMG3 | 1,50 | | | 2,4 |
| | 2,00 | 2,00 | | 3,2 |
| | 3,00 | | | 4,8 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 4,8 |
| | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | 3,00 | 3,00 | 14,3 |
| | 4,00 | | | 19,1 |
| | 5,00 | | | 23,9 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 7,2 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 7,2 |
| | 2,00 | 2,00 | | 9,6 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | | | 14,3 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,8 |
| | 1,50 | | | 7,2 |
| | 2,00 | 2,00 | 2,00 | 9,6 |
| | 3,00 | | | 14,3 |

Round holes staggered pitch
RT 10-16
Open area approx. 35 %

Scale 1:1

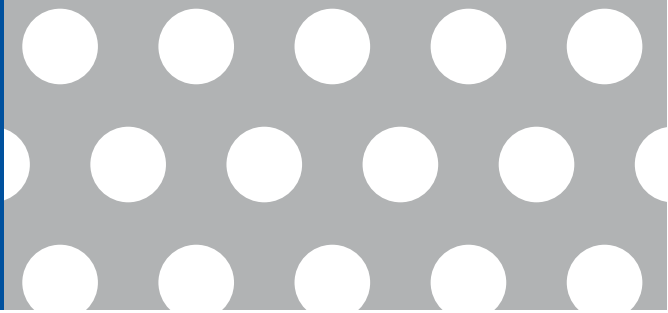


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 8,00 | | 41,3 |
| | 10,00 | | | 51,7 |

Round holes staggered pitch RT 10-18

Open area approx. 28 %

Scale 1:1

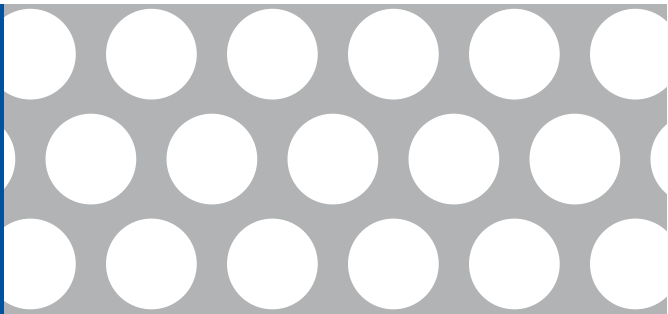


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 6,00 | | | 34,6 |
| | 8,00 | | | 46,1 |
| | 10,00 | | | 57,6 |

Round holes staggered pitch RT 12-16

Open area approx. 51 %

Scale 1:1

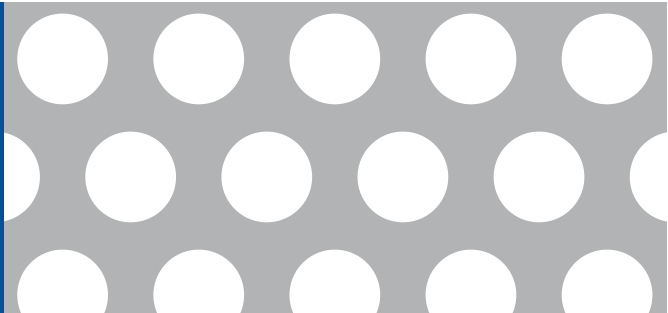


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,9 |
| | 1,50 | 1,50 | | 5,9 |
| | 2,00 | | | 7,8 |
| | 3,00 | | | 11,8 |
| | 4,00 | | | 15,7 |
| Galvanized steel | | 1,50 | | 5,9 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 3,9 |
| | 1,50 | | | 5,9 |
| | 2,00 | | | 7,8 |

Round holes staggered pitch RT 12-18

Open area approx. 40 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 6,00 | | | 28,6 |

Round holes staggered pitch RT 12-20

Open area approx. 33 %

Scale 1:1

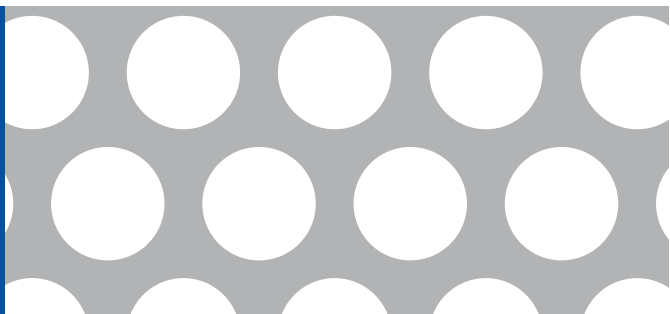


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 8,00 | | | 43,1 |
| | 10,00 | | | 53,9 |

Round holes staggered pitch RT 15-20

Open area approx. 51 %

Scale 1:1

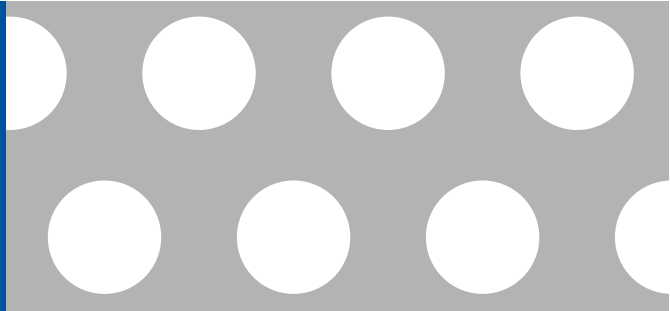


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,9 |
| | 1,50 | 1,50 | | 5,9 |
| | 2,00 | 2,00 | 2,00 | 7,8 |
| | 3,00 | | | 11,8 |
| | 4,00 | | | 15,7 |
| | 5,00 | | | 19,6 |
| Galvanized steel | 1,50 | 1,50 | | 5,9 |
| | 2,00 | 2,00 | | 7,8 |
| Aluminium AL99,5 | 2,00 | 2,00 | | 2,6 |
| | 3,00 | | | 4,0 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 3,9 |
| | 1,50 | | | 5,9 |
| | 2,00 | | | 7,8 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 5,9 |

Round holes staggered pitch RT 15-25

Open area approx. 33 %

Scale 1:1

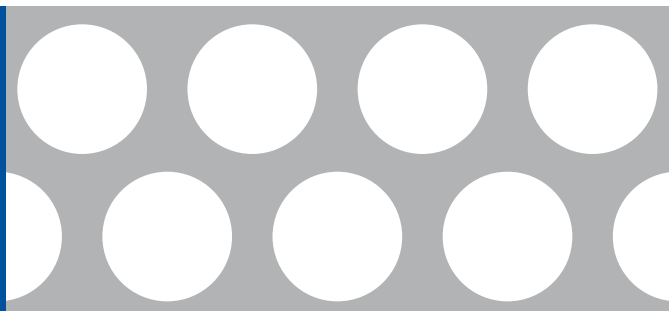


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 8,00 | | | 43,1 |
| | 10,00 | | | 53,9 |

Round holes staggered pitch RT 18-22,5

Open area approx. 58 %

Scale 1:1

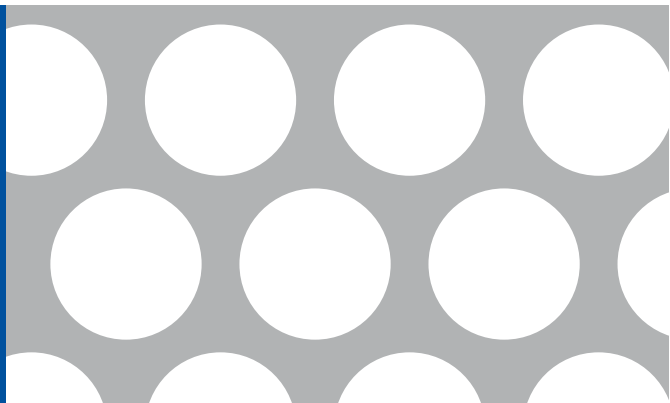


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,4 |

Round holes staggered pitch RT 20-25

Open area approx. 58 %

Scale 1:1

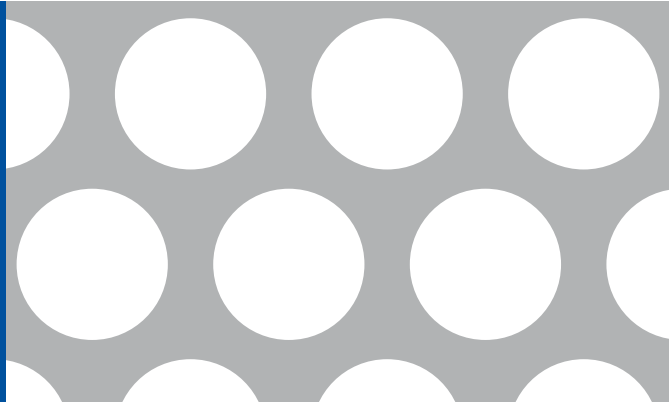


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 6,7 |
| | 3,00 | | | 10,1 |
| Steel S355MC/J2 | 5,00 | | | 16,8 |

Round holes staggered pitch RT 20-26

Open area approx. 54 %

Scale 1:1



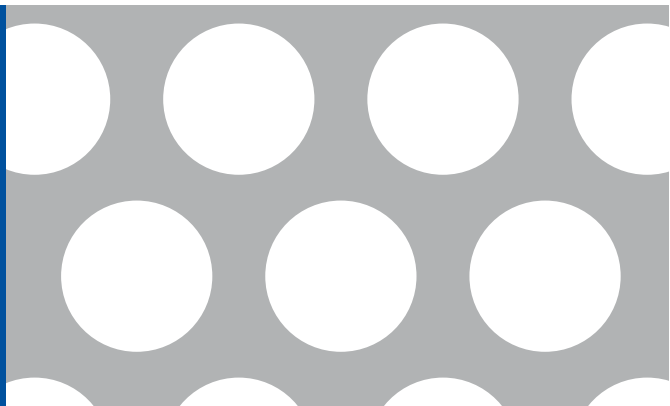
Perforated sheets
RT

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,7 |

Round holes staggered pitch RT 20-27

Open area approx. 50 %

Scale 1:1

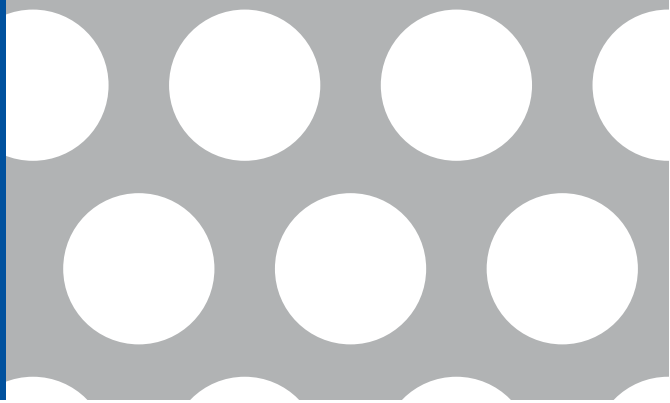


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 10,00 | | | 40,2 |

Round holes staggered pitch RT 20-28

Open area approx. 46 %

Scale 1:1

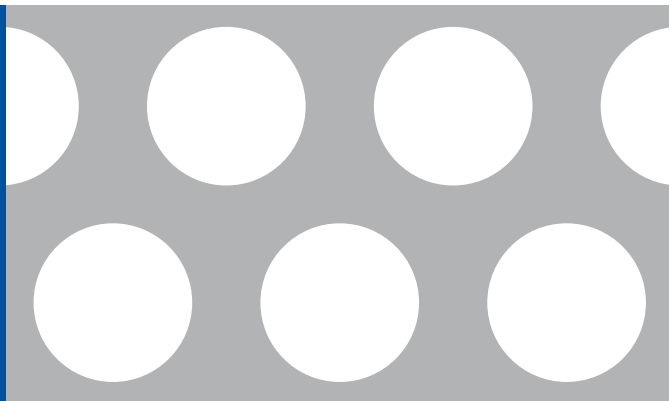


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | 1,50 | 6,4 |
| | 2,00 | 2,00 | 2,00 | 8,6 |
| | 3,00 | | | 12,9 |
| | 4,00 | | | 17,2 |
| | 5,00 | | | 21,5 |
| Steel hot-dipped galvanised | 2,00 | | | 8,6 |
| Galvanized steel | 1,50 | | | 6,4 |
| | 2,00 | 2,00 | 2,00 | 8,6 |
| Aluminium AL99,5 | 2,00 | 2,00 | 2,00 | 2,9 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 6,4 |
| | 2,00 | 2,00 | 2,00 | 8,6 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 6,4 |

Round holes staggered pitch RT 20-30

Open area approx. 40 %

Scale 1:1

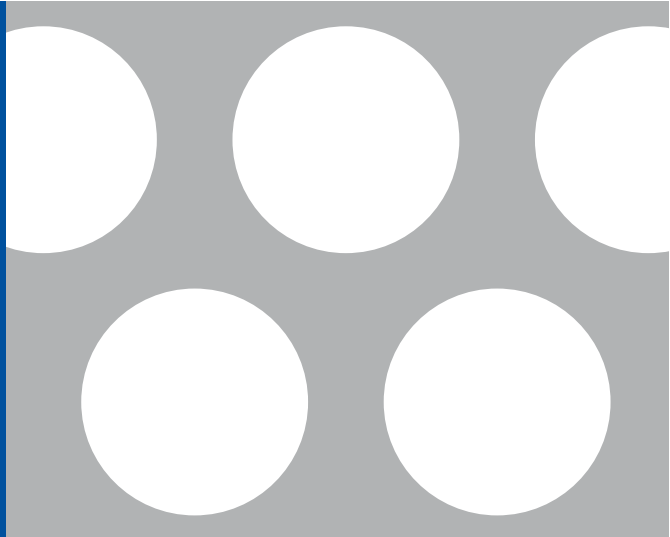


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 9,6 |

Round holes staggered pitch RT 30-40

Open area approx. 51 %

Scale 1:1



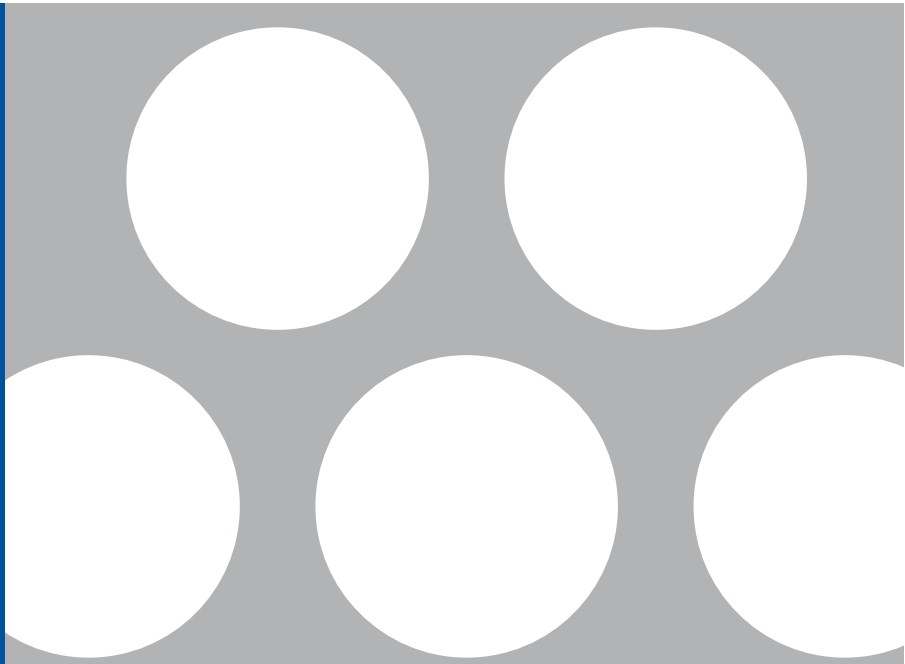
Perforated sheets
RT

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | | 7,8 |
| | 3,00 | | | 11,8 |
| | 4,00 | | | 15,7 |
| | 5,00 | | | 19,6 |
| Aluminium AL99,5 | 2,00 | | | 2,6 |

Round holes staggered pitch RT 40-50

Open area approx. 58 %

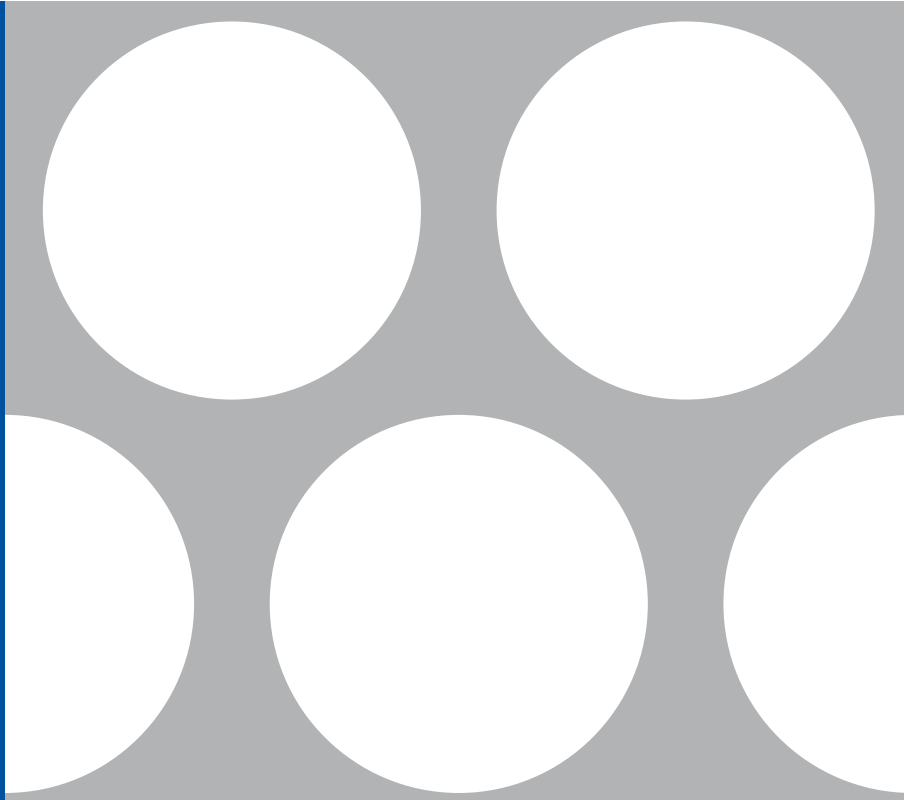
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 10,1 |

**Round holes
staggered pitch
RT 50-60**

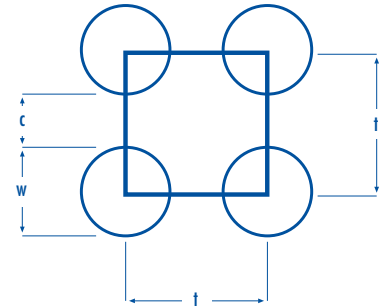
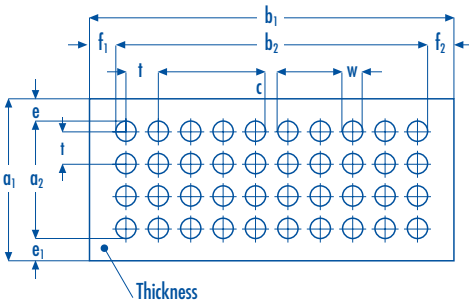
Open area approx. 63 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 4,00 | | | 11,8 |

Round hole straight pitch (RU)



$a_2 = x_1 \cdot t + w$
 $x_1 = \text{Number of clearances } t \text{ parallel to } a_2$
 $b_2 = x_1 \cdot t + w$
 $x_2 = \text{Number of clearances } t \text{ parallel to } b_2$
 $t = w + c$

Open area approx.:

$$a_0^1) = \frac{78,5 \cdot w^2}{t^2} = \text{in \%}$$

Number of holes per m² $n = \frac{10^6}{t^2}$

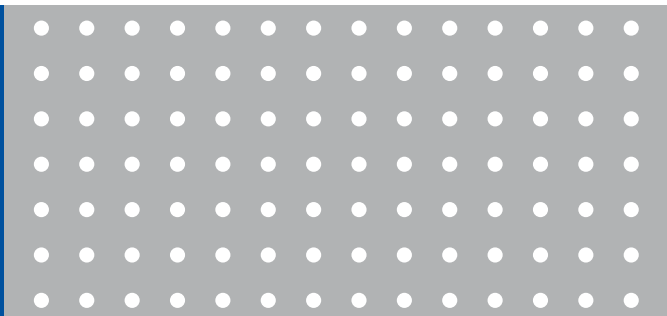
$$t = \sqrt{\frac{10^6}{n}} = \sqrt{\frac{F \cdot 10^6}{N}}$$

It applies: $t = w + c$
 (Open area approx. = Diameter of hole + Bridge)
 For exemple Round hole RU R5T8
 $w = 5, t = 8, c = 3$

Round hole straight pitch RU 2-6

Open area approx. 9 %

Scale 1:1

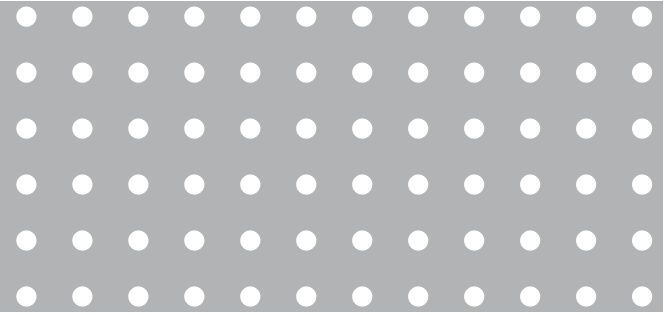


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 1,00 | | | 7,3 |

Round hole straight pitch RU 2,5-6,92

Open area approx. 10 %

Scale 1:1

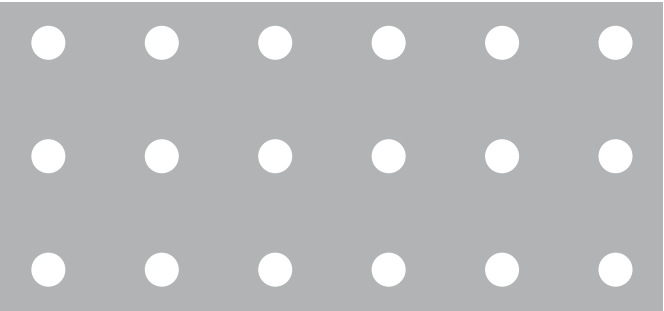


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 304 | 0,80 | | | 5,7 |

Round hole straight pitch RU 4,5-15

Open area approx. 7 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 7,4 |
| | 1,50 | 1,50 | 1,50 | 11,2 |
| Galvanized steel | 1,00 | 1,00 | | 7,4 |
| | 1,50 | 1,50 | 1,50 | 11,2 |
| Aluminium AL99,5 | 1,50 | 1,50 | | 3,8 |
| | 2,00 | 2,00 | 2,00 | 5,0 |
| Stainless steel 1.4301 AISI 304 | 1,50 | 1,50 | | 11,2 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 11,2 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 11,2 |

Round hole straight pitch
RU 4,5-25
Open area approx. 3 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | 1,50 | | 11,7 |

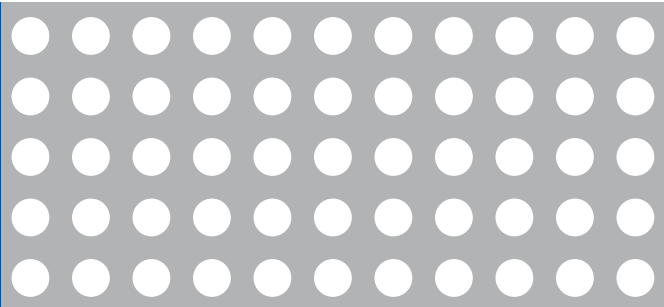
Round hole straight pitch
Euro 4,5-15x12,5x25
Open area approx. 7 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 10,7 |

Round hole straight pitch
RU 5-8
Open area approx. 31 %



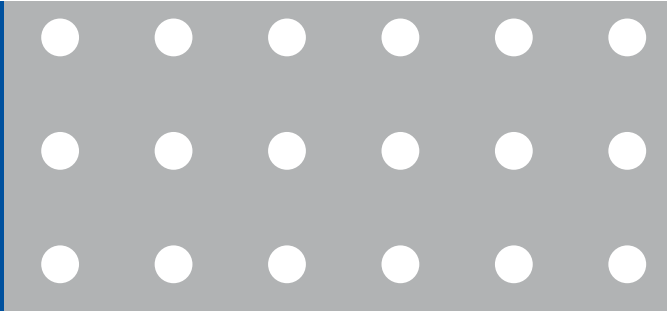
Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 8,3 |
| Galvanized steel | 1,50 | | | 8,3 |
| Aluminium AL99,5 | 1,50 | | | 2,8 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 8,3 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 8,3 |

Round hole straight pitch RU 5-15

Open area approx. 9 %

Scale 1:1

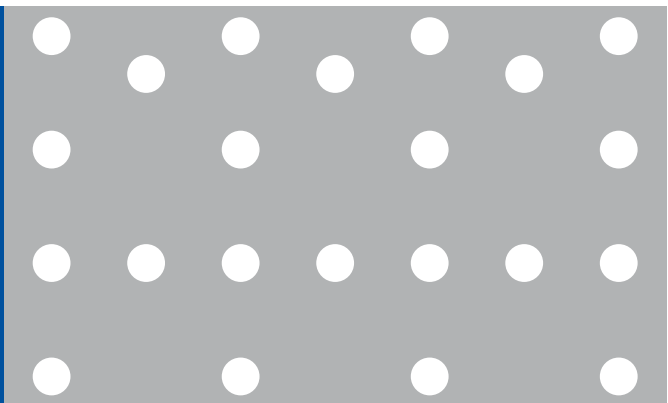


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 11,0 |

Round hole straight pitch Euro 5-15x12,5x25

Open area approx. 8 %

Scale 1:1

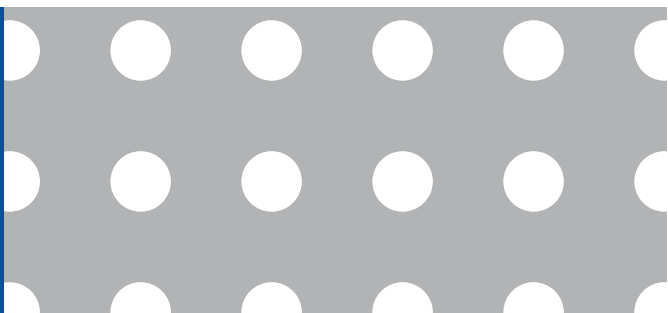


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | 1,50 | | 10,8 |

Round hole straight pitch RU 8-17,32

Open area approx. 17 %

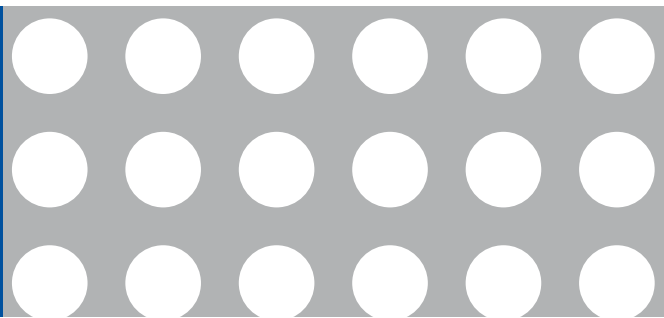
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 10,0 |
| Galvanized steel | 1,50 | | | 10,0 |
| Aluminium with protective film on one side | 2,00 | | | 4,5 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 10,0 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 10,0 |

**Round hole straight pitch
RU 10-15**
Open area approx. 35 %

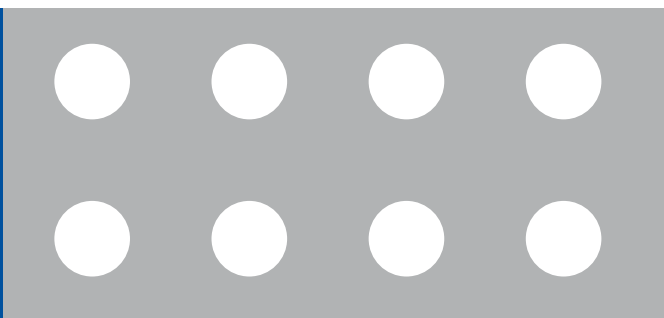
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 7,8 |
| Galvanized steel | 1,50 | | | 7,8 |
| Aluminium AL99,5 | 2,00 | | | 3,5 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 7,8 |
| | 2,00 | | | 10,4 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | | 1,50 | | 7,8 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 7,8 |

**Round hole straight pitch
RU 10-20,78**
Open area approx. 18 %

Scale 1:1

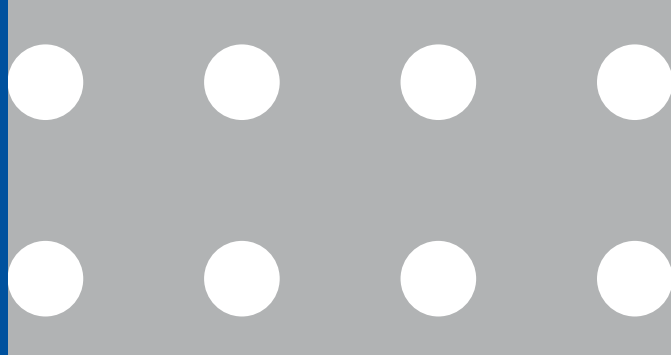


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | | 13,1 |
| Steel hot-dipped galvanised | | | 2,00 | 13,1 |
| Galvanized steel | 2,00 | 2,00 | 2,00 | 13,1 |
| Aluminium AL99,5 | 2,00 | 2,00 | | 4,4 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 4,4 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 9,8 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 9,8 |

Round hole straight pitch RU 10-25,98

Open area approx. 12 %

Scale 1:1

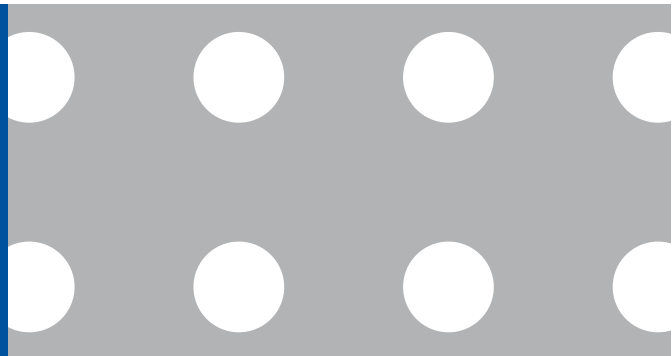


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | | 14,1 |
| Steel hot-dipped galvanised | 2,00 | | | 14,1 |
| Aluminium AL99,5 | 2,00 | 2,00 | | 4,8 |
| Aluminium with protective film on one side | | 2,00 | | 4,8 |
| Stainless steel 1.4301 AISI 304 | 1,50 | 1,50 | | 10,6 |
| | | | 3,00 | 21,2 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 10,6 |

Round hole straight pitch RU 12-27,72

Open area approx. 15 %

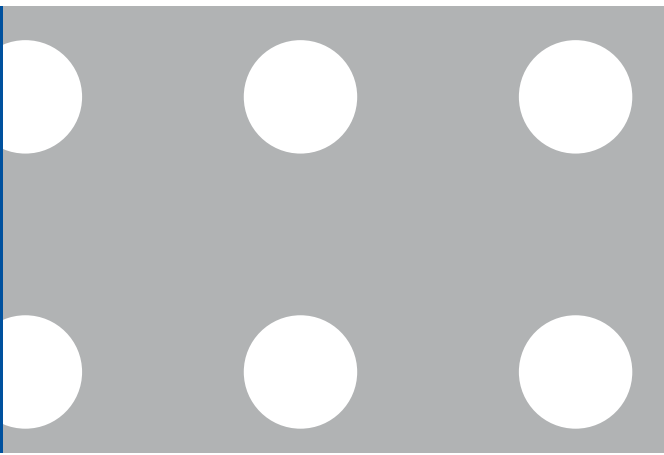
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 1,50 | | | 10,2 |

**Round hole straight pitch
RU 15-36,38**
Open area approx. 13 %

Scale 1:1

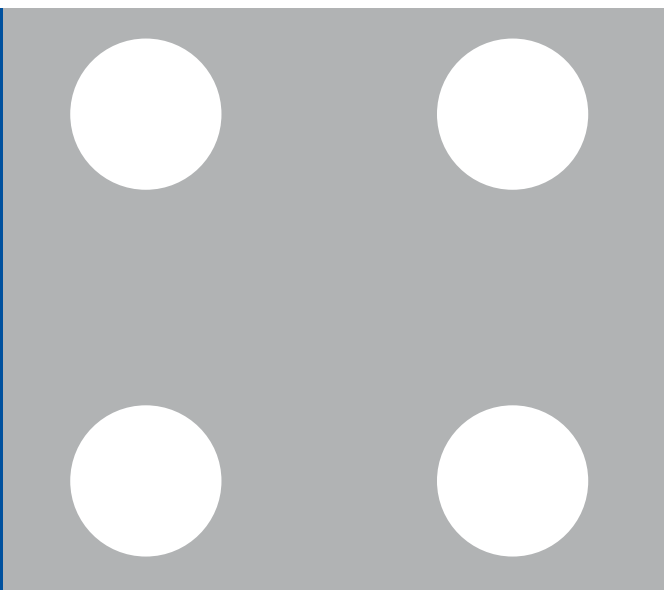


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 13,9 |
| Galvanized steel | 1,50 | | | 10,4 |
| Aluminium AL99,5 | 2,00 | | | 4,7 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 10,4 |

Perforated sheets
RU

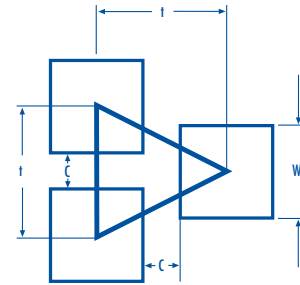
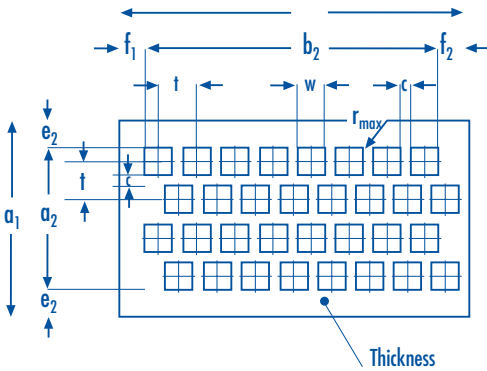
**Round hole straight pitch
RU 20-48,5**
Open area approx. 13 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 13,9 |
| Steel hot-dipped galvanised | 2,00 | | | 13,9 |
| Aluminium AL99,5 | 2,00 | 2,00 | 2,00 | 4,7 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 10,4 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 10,4 |

Square hole staggered pitch (CT)



Perforated sheets
CT

$$a_2 = x_1 \cdot t + w$$

x_1 = Number of clearances t parallel to a_2

$$b_2 = x_1 \cdot t + w$$

x_2 = Number of clearances t parallel to b_2

$$t = w + c$$

Open area approx.:

$$a_0^1) = \frac{78,5 \cdot w^2}{t^2} = \text{in \%}$$

Number of holes per m^2 $n = \frac{10^6}{t^2}$

$$t = \sqrt{\frac{10^6}{n}} = \sqrt{\frac{F \cdot 10^6}{N}}$$

It applies: $t = w + c$

(Open area approx. = Diameter of hole + Bridge)

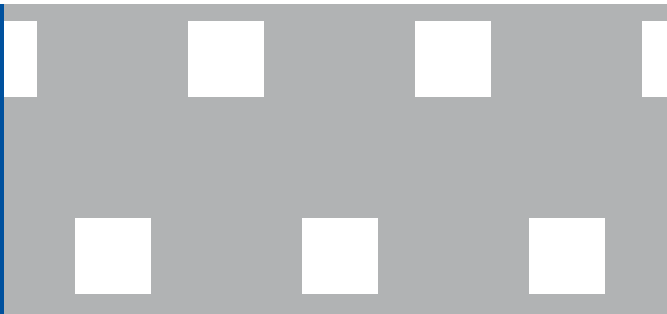
For exemple Square hole CT C5T8

$$w = 5, t = 8, c = 3$$

Square hole staggered pitch CT 10-30

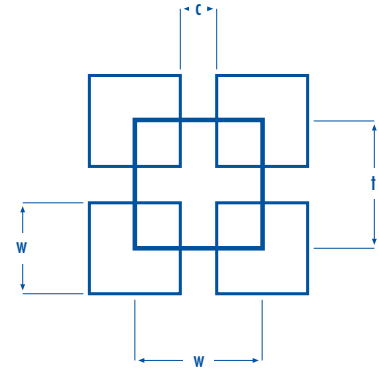
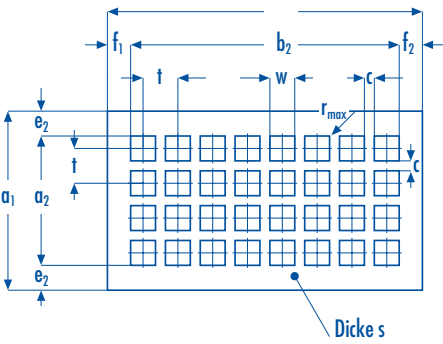
Open area approx. 11 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 2,00 | | | 4,8 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 10,7 |

Square hole straight pitch (CU)



$$a_2 = x_1 \cdot t + w$$

x_1 = Number of clearances t parallel to a_2

$$b_2 = x_1 \cdot t + w$$

x_2 = Number of clearances t parallel to b_2

$$t = w + c$$

Open area approx.:

$$a_0^1) = \frac{78,5 \cdot w^2}{t^2} = \text{in \%}$$

Number of holes per m^2 $n = \frac{10^6}{t^2}$

$$t = \sqrt{\frac{10^6}{n}} = \sqrt{\frac{F \cdot 10^6}{N}}$$

It applies: $t = w + c$

(Open area approx. = Diameter of hole + Bridge)

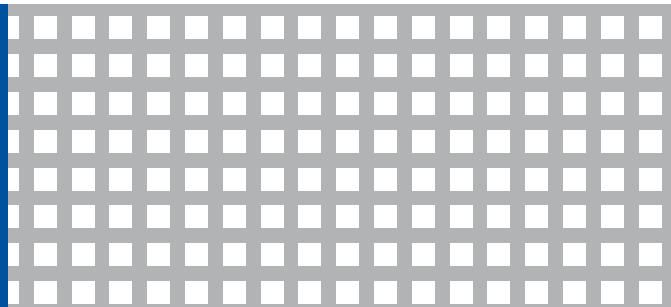
For example Square hole CU C5T8

$$w = 5, t = 8, c = 3$$

Square hole straight pitch Qg 3-5

Open area approx. 36 %

Scale 1:1



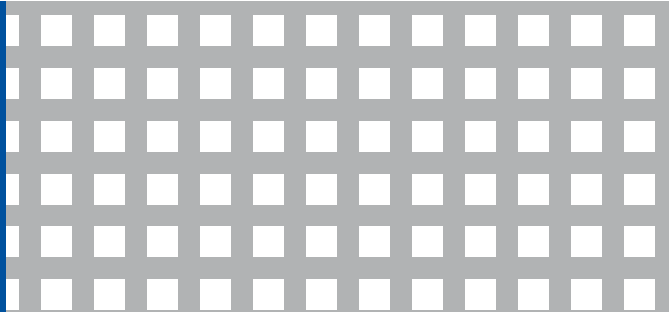
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,1 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 5,1 |

Square hole straight pitch

Qg 4-7

Open area approx. 33 %

Scale 1:1



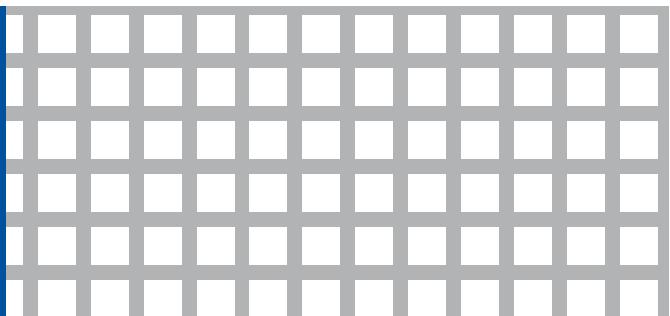
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,4 |
| | 1,50 | | | 8,1 |
| Aluminium AL99,5 | 1,50 | | | 2,7 |

Square hole straight pitch

Qg 5-7

Open area approx. 51 %

Scale 1:1



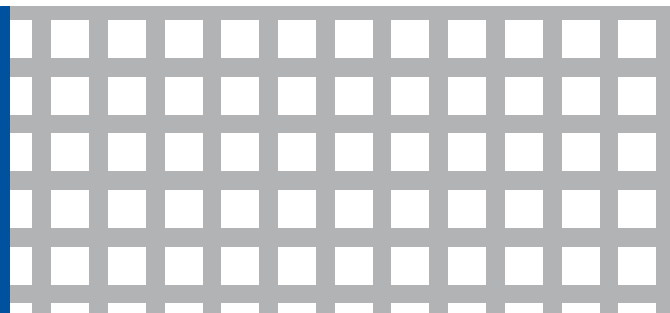
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,9 |
| | 1,50 | | | 5,9 |
| | 2,00 | | | 7,8 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 3,9 |

Square hole straight pitch

Qg 5-7,5

Open area approx. 44 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,4 |
| | 1,50 | 1,50 | | 6,7 |

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 1,00 | | | 1,5 |
| | 1,50 | | | 2,3 |
| | 2,00 | | | 3,0 |
| Aluminium anodized E6/EV1 | 1,50 | | | 2,3 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,4 |
| | 1,50 | | | 6,7 |

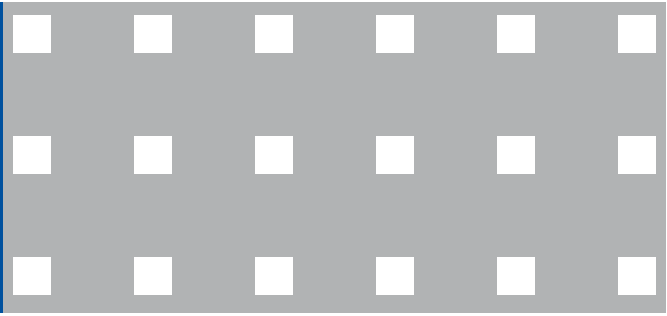


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 4,9 |
| | 1,50 | 1,50 | 1,50 | 7,3 |
| | 2,00 | 2,00 | 2,00 | 9,8 |
| Galvanized steel | 1,00 | 1,00 | | 4,9 |
| | 1,50 | 1,50 | 1,50 | 7,3 |
| | 2,00 | | | 9,8 |
| Aluminium AL99,5 | 1,00 | | | 1,6 |
| | 1,50 | 1,50 | | 2,5 |
| | 2,00 | 2,00 | 2,00 | 3,3 |
| Aluminium ALMG3 | 1,00 | | | 1,6 |
| | 1,50 | | | 2,5 |
| | 2,00 | | | 3,3 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 4,9 |
| | 1,50 | 1,50 | | 7,3 |
| | 2,00 | 2,00 | | 9,8 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 7,3 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 7,3 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,9 |
| | 1,50 | | | 7,3 |
| | 2,00 | | | 9,8 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,9 |
| | 1,50 | | | 7,3 |
| | 2,00 | | | 9,8 |

Square hole straight pitch Qg 5-16

Open area approx. 10 %

Scale 1:1

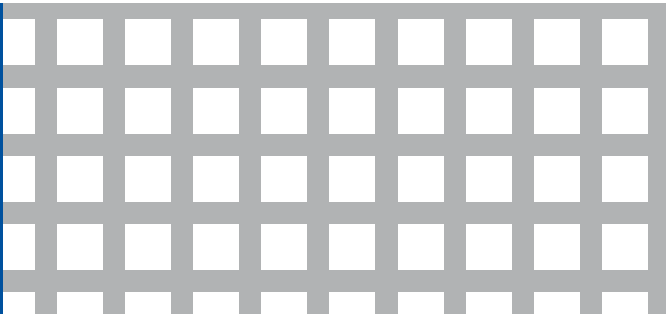


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 7,2 |
| | 1,50 | 1,50 | | 10,8 |
| Galvanized steel | 1,50 | 1,50 | | 10,8 |
| Aluminium AL99,5 | 2,00 | | | 4,9 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 4,9 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 10,8 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 10,8 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 10,8 |

Square hole straight pitch Qg 6-9

Open area approx. 44 %

Scale 1:1

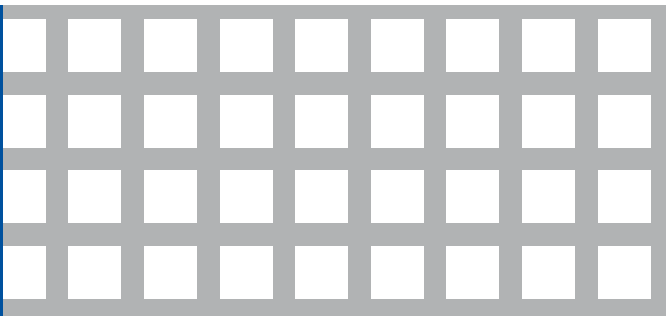


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,4 |
| | 1,50 | 1,50 | | 6,7 |
| | 2,00 | 2,00 | | 8,9 |
| Aluminium AL99,5 | 1,50 | | | 2,3 |

Square hole straight pitch Qg 7-10

Open area approx. 49 %

Scale 1:1

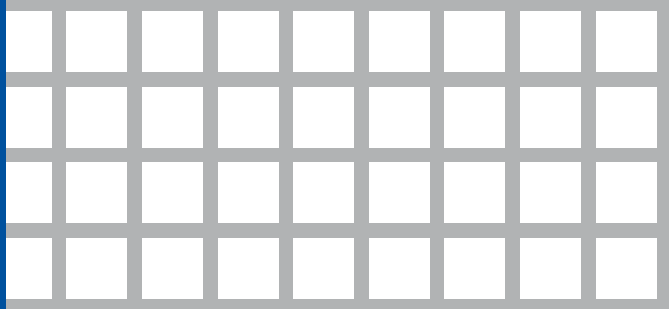


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,1 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 4,1 |

Square hole straight pitch Qg 8-10

Open area approx. 64 %

Scale 1:1

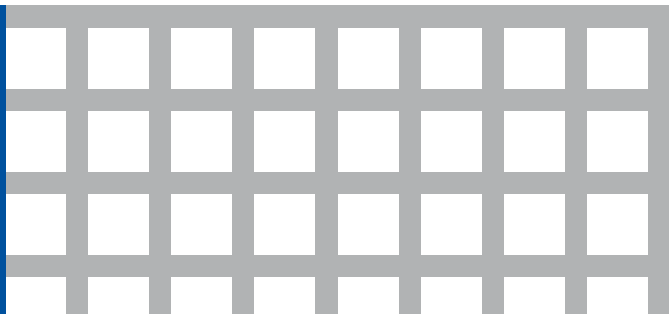


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 2,9 |
| | 1,50 | 1,50 | 1,50 | 4,3 |
| | 2,00 | 2,00 | | 5,8 |
| Galvanized steel | 1,00 | | 1,00 | 2,9 |
| | 1,50 | 1,50 | | 4,3 |
| | 2,00 | | | 5,8 |
| Aluminium AL99,5 | 1,50 | | | 1,5 |
| | 2,00 | | | 1,9 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 2,9 |
| | 1,50 | 1,50 | | 4,3 |
| | 2,00 | | | 5,8 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 2,9 |
| | 1,50 | | | 4,3 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 2,9 |
| | 1,50 | | | 4,3 |

Square hole straight pitch Qg 8-11

Open area approx. 53 %

Scale 1:1

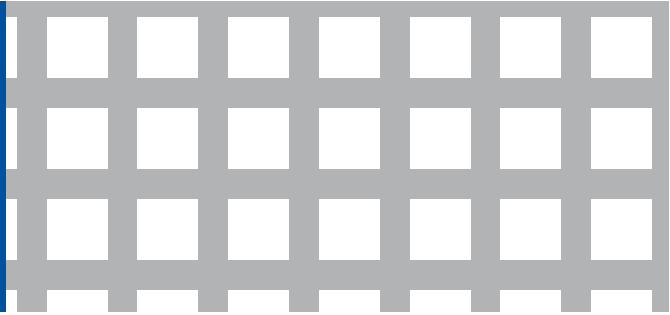


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 5,7 |

Square hole straight pitch Qg 8-12

Open area approx. 44 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 4,4 |
| | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | 2,00 | 2,00 | 8,9 |
| | 3,00 | | 3,00 | 13,3 |
| Galvanized steel | 1,00 | | | 4,4 |
| | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | 2,00 | 2,00 | 8,9 |
| Aluminium AL99,5 | 1,00 | | | 1,5 |
| | 1,50 | | | 2,3 |
| | 2,00 | 2,00 | 2,00 | 3,0 |
| Aluminium ALMG3 | 1,00 | | | 1,5 |
| | 1,50 | | | 2,3 |
| | 2,00 | | | 3,0 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 4,4 |
| | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | 2,00 | | 8,9 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 6,7 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,4 |
| | 1,50 | | | 6,7 |
| | 2,00 | | | 8,9 |
| Stainless steel 1.4541 AISI 321 | 1,50 | | | 6,7 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 4,4 |
| | 1,50 | | | 6,7 |
| | 2,00 | | | 8,9 |

Square hole straight pitch
Qg 8-24
 Open area approx. 11 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 10,7 |
| | 2,00 | | | 14,2 |
| Galvanized steel | 1,50 | | | 10,7 |
| Aluminium AL99,5 | 2,00 | | | 4,8 |
| Aluminium with protective film on one side | 2,00 | 2,00 | | 4,8 |
| Aluminium with protective film on both sides | 2,00 | | | 4,8 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 10,7 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 10,7 |

Square hole straight pitch
Qg 9-38
 Open area approx. 6 %



Scale 1:1

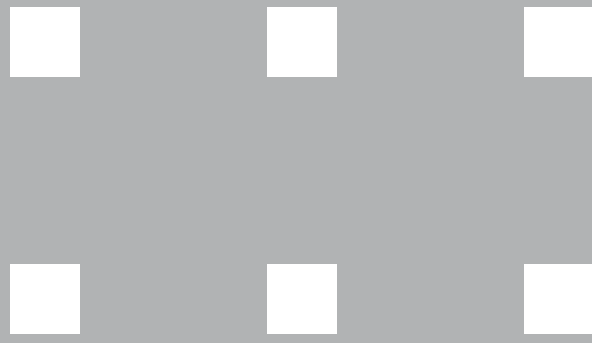
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 11,3 |

Perforated sheets
 CU

Square hole straight pitch Qg 9,2-34

Open area approx. 7 %

Scale 1:1

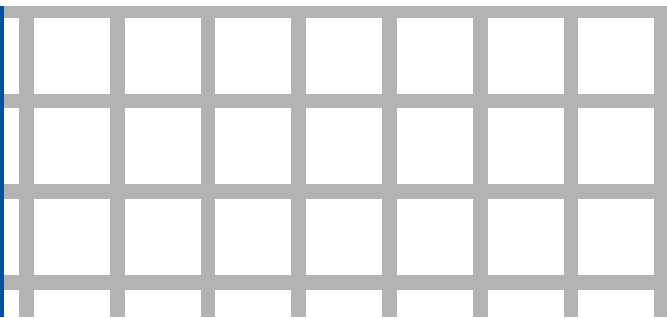


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 14,8 |
| Galvanized steel | 1,50 | | | 11,1 |
| Aluminium with protective film on one side | | 2,00 | 2,00 | 5,0 |

Square hole straight pitch Qg 10-12

Open area approx. 69 %

Scale 1:1

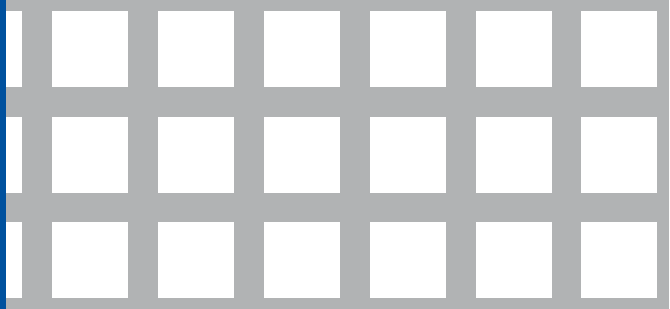


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,50 | | | 1,2 |
| | 1,00 | | | 2,4 |
| | 1,50 | 1,50 | 1,50 | 3,7 |
| | 2,00 | 2,00 | 2,00 | 4,9 |
| Galvanized steel | 0,75 | | | 1,8 |
| | 1,00 | 1,00 | 1,00 | 2,4 |
| | 1,50 | 1,50 | 1,50 | 3,7 |
| | 2,00 | 2,00 | 2,00 | 4,9 |
| Aluminium AL99,5 | 1,50 | 1,50 | | 1,2 |
| | 2,00 | 2,00 | | 1,6 |
| Stainless steel 1.4301 AISI 304 | 0,50 | | | 1,2 |
| | 1,00 | 1,00 | | 2,4 |
| | 1,50 | 1,50 | 1,50 | 3,7 |
| | 2,00 | | | 4,9 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 2,4 |
| | 1,50 | | | 3,7 |
| | 2,00 | | | 4,9 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 2,4 |
| | 1,50 | | | 3,7 |
| | 2,00 | | | 4,9 |

Square hole straight pitch Qg 10-14

Open area approx. 51 %

Scale 1:1



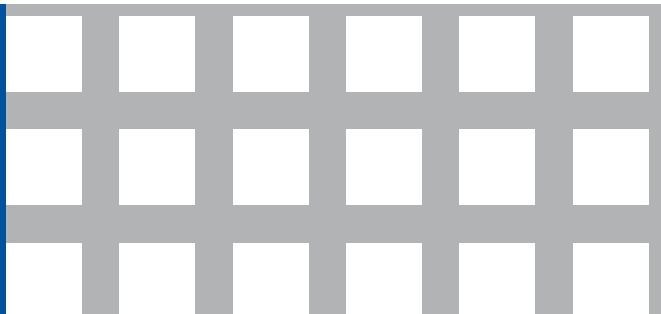
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 3,9 |
| | 1,50 | 1,50 | 1,50 | 5,9 |
| | 2,00 | 2,00 | 2,00 | 7,8 |
| | 3,00 | | | 11,8 |
| Steel hot-dipped galvanised | 1,50 | | | 5,9 |
| Galvanized steel | 1,00 | 1,00 | 1,00 | 3,9 |
| | 1,50 | 1,50 | 1,50 | 5,9 |
| | 2,00 | 2,00 | 2,00 | 7,8 |
| Aluminium AL99,5 | 1,00 | | | 1,3 |
| | 1,50 | 1,50 | | 2,0 |
| | 2,00 | 2,00 | | 2,6 |
| Aluminium ALMG3 | 1,50 | | | 2,0 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 3,9 |
| | 1,50 | 1,50 | 1,50 | 5,9 |
| | 2,00 | 2,00 | | 7,8 |
| Stainless steel 1.4404 AISI 316 L | 1,50 | 1,50 | 1,50 | 5,9 |
| | 2,00 | | | 7,8 |
| Stainless steel 1.4571 AISI 316 Ti | 1,50 | 1,50 | 1,50 | 5,9 |
| | 2,00 | | | 7,8 |

Perforated sheets
CU

Square hole straight pitch Qg 10-15

Open area approx. 44 %

Scale 1:1

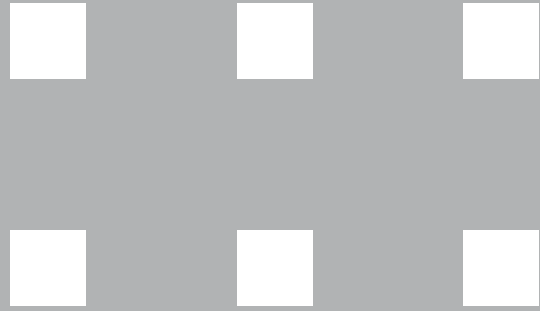


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | 1,00 | 4,4 |
| | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | 2,00 | 2,00 | 8,9 |
| | 3,00 | 3,00 | 3,00 | 13,3 |
| | | | 4,00 | 17,8 |
| Steel hot-dipped galvanised | 1,50 | 1,50 | | 6,7 |
| | 2,00 | 2,00 | | 8,9 |
| Galvanized steel | 1,00 | 1,00 | 1,00 | 4,4 |
| | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | 2,00 | 2,00 | 8,9 |
| | 3,00 | 3,00 | | 13,3 |
| Aluminium AL99,5 | 1,00 | 1,00 | | 1,5 |
| | 1,50 | 1,50 | 1,50 | 2,3 |
| | 2,00 | 2,00 | 2,00 | 3,0 |
| | 3,00 | 3,00 | 3,00 | 4,5 |
| Aluminium ALMG3 | 1,50 | 1,50 | | 2,3 |
| | 2,00 | | | 3,0 |
| Stainless steel 1.4301 AISI 304 | 1,00 | 1,00 | | 4,4 |
| | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | 2,00 | 2,00 | 8,9 |
| | 3,00 | 3,00 | 3,00 | 13,3 |
| | 4,00 | | | 17,8 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 6,7 |
| | 2,00 | 2,00 | | 8,9 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 6,7 |
| | 2,00 | | | 8,9 |
| Stainless steel 1.4404 AISI 316 L | 1,00 | | | 4,4 |
| | 1,50 | 1,50 | | 6,7 |
| | 2,00 | | | 8,9 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | 1,00 | 4,4 |
| | 1,50 | 1,50 | | 6,7 |
| | 2,00 | | | 8,9 |

Square hole straight pitch Qg 10-30

Open area approx. 11 %

Scale 1:1



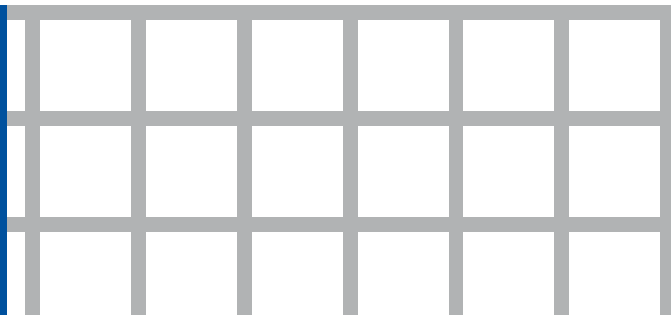
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 7,1 |
| | 1,50 | | | 10,7 |
| | 2,00 | 2,00 | 2,00 | 14,2 |
| Steel hot-dipped galvanised | 2,00 | 2,00 | | 14,2 |
| Galvanized steel | 1,50 | 1,50 | 1,50 | 10,7 |
| | 2,00 | 2,00 | | 14,2 |
| Aluminium AL99,5 | 2,00 | 2,00 | 2,00 | 4,8 |
| | 3,00 | 3,00 | | 7,2 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 4,8 |
| Aluminium with protective film on both sides | 2,00 | 2,00 | | 4,8 |
| Aluminium anodized E6/EV1 | 2,00 | | | 4,8 |
| Stainless steel 1.4301 AISI 304 | 1,50 | 1,50 | 1,50 | 10,7 |
| | 2,00 | | | 14,2 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 10,7 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 10,7 |
| | 2,00 | 2,00 | | 14,2 |

Perforated sheets
CU

Square hole straight pitch Qg 12-14

Open area approx. 73 %

Scale 1:1

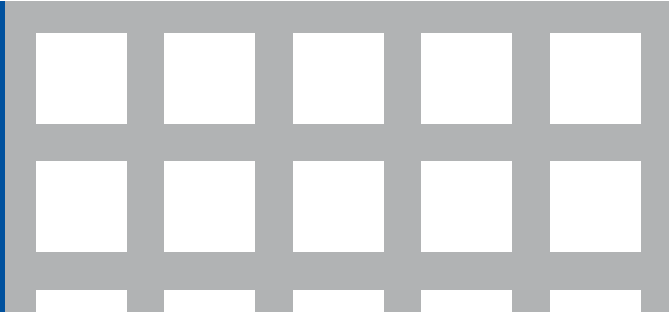


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 1,50 | | | 3,2 |

Square hole straight pitch Qg 12-17

Open area approx. 50 %

Scale 1:1

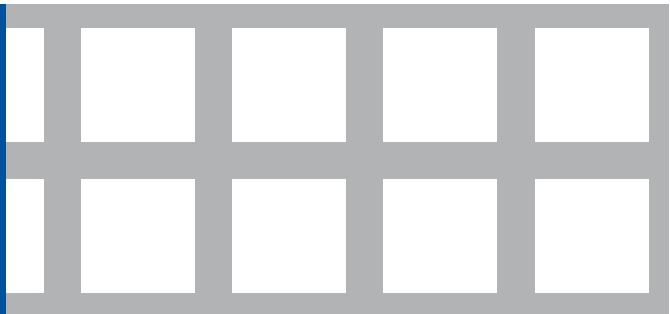


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 6,0 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 6,0 |

Square hole straight pitch Qg 15-20

Open area approx. 56 %

Scale 1:1

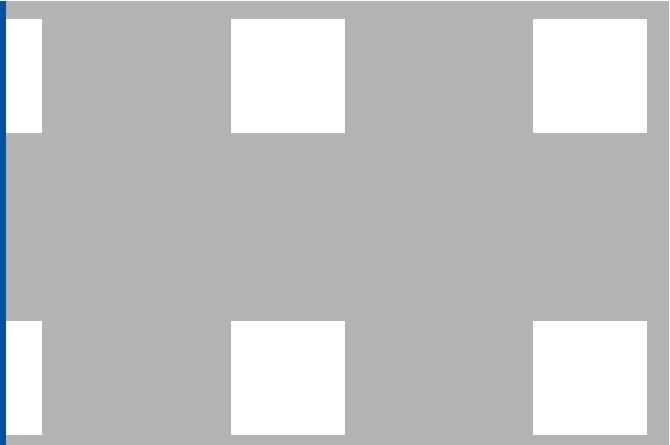


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | 1,50 | | 5,3 |
| | 2,00 | 2,00 | 2,00 | 7,0 |
| | 3,00 | | | 10,5 |
| Steel hot-dipped galvanised | 2,00 | | | 7,0 |
| Galvanized steel | 1,50 | | | 5,3 |
| | 2,00 | 2,00 | 2,00 | 7,0 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 5,3 |
| | 2,00 | 2,00 | | 7,0 |

Square hole straight pitch Qg 15-40

Open area approx. 14 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 1,50 | | | 10,3 |
| Aluminium AL99,5 | 2,00 | 2,00 | 2,00 | 4,6 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 4,6 |
| Aluminium with protective film on both sides | 2,00 | | | 4,6 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 10,3 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 10,3 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 10,3 |

Square hole straight pitch Qg 15-60

Open area approx. 6 %

Scale 1:1



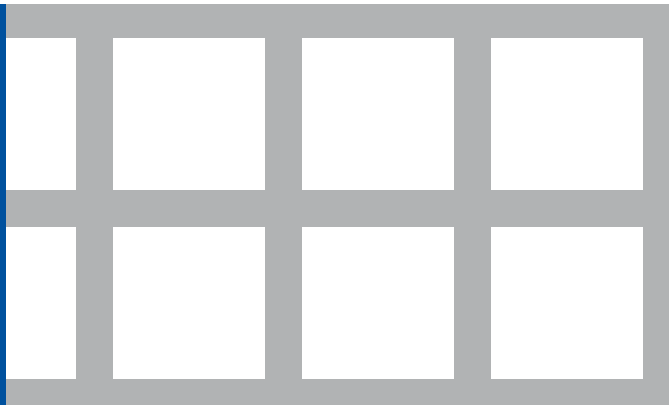
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | | 15,0 |
| Galvanized steel | 1,50 | 1,50 | | 11,3 |
| Aluminium AL99,5 | 2,00 | 2,00 | | 5,1 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 5,1 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 11,3 |

Square hole straight pitch

Qg 20-25

Open area approx. 64 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | 1,50 | | 4,3 |
| | 2,00 | 2,00 | | 5,8 |
| | 3,00 | | | 8,6 |
| Steel hot-dipped galvanised | 2,00 | | | 5,8 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 4,3 |
| | 2,00 | | | 5,8 |
| | 3,00 | | | 8,6 |

Square hole straight pitch

Qg 20-50

Open area approx. 16 %

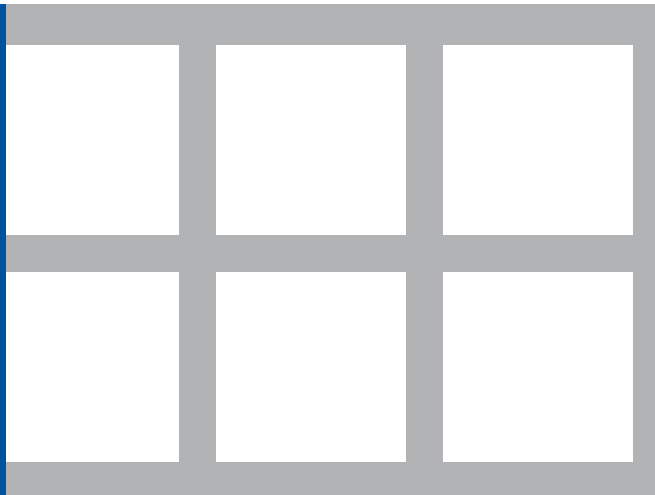
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | 2,00 | 13,4 |
| Steel hot-dipped galvanised | 2,00 | | | 13,4 |
| Galvanized steel | 1,50 | 1,50 | 1,50 | 10,1 |
| | 2,00 | 2,00 | | 13,4 |
| Aluminium AL99,5 | 1,50 | | | 3,4 |
| | 2,00 | 2,00 | 2,00 | 4,5 |
| | 3,00 | 3,00 | | 6,8 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 4,5 |
| Aluminium with protective film on both sides | 2,00 | 2,00 | | 4,5 |
| Aluminium anodized E6/EV1 | 2,00 | | | 4,5 |
| Stainless steel 1.4301 AISI 304 | 1,50 | 1,50 | | 10,1 |
| | 2,00 | | | 13,4 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | 1,50 | 10,1 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | 1,50 | 10,1 |
| | 2,00 | 2,00 | | 13,4 |

Square hole straight pitch Qg 25-30

Open area approx. 69 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 2,4 |
| | 1,50 | | | 3,7 |
| | 2,00 | 2,00 | | 4,9 |
| Galvanized steel | | 2,00 | | 4,9 |
| Aluminium AL99,5 | | 2,00 | | 1,7 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | 4,9 |

Square hole straight pitch Qg 25-70

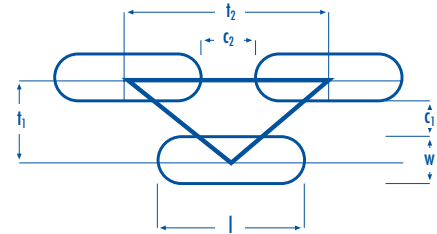
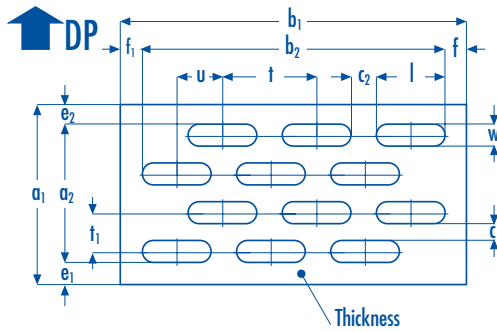
Open area approx. 13 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel hot-dipped galvanised | | 2,00 | | 14,0 |
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 4,7 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 10,5 |

Slotted hole staggered pitch (LRZ)



$$a_2 = x_1 \cdot t + w$$

x_1 = Number of clearances t parallel to a_2

$$b_2 = x_1 \cdot t + w$$

x_2 = Number of clearances t parallel to b_2

$$t = w + c$$

Open area approx.:

$$a_0^1) = \frac{78,5 \cdot w^2}{t^2} = \text{in \%}$$

Number of hole per m^2 $n = \frac{10^6}{t^2}$

$$t = \sqrt{\frac{10^6}{n}} = \sqrt{\frac{F \cdot 10^6}{N}}$$

l = Long slot

w = Width slot

t_1 = Long pitch

t_2 = Width pitch

c_1 = Long bridge

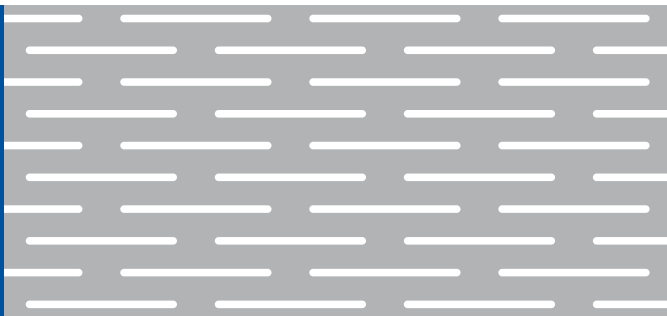
c_2 = Width bridge

$$t_1 = w + c_1$$

$$t_2 = l + c_2$$

Slotted hole staggered pitch
LRZ 1 x 20-4,2 x 25/Bridge 3,2 x 5
 Open area approx. 26 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,9 |

Other materials are available on request!



Telefon: +49 5102/9196-0
 Telefax: +49 5102/9196-20

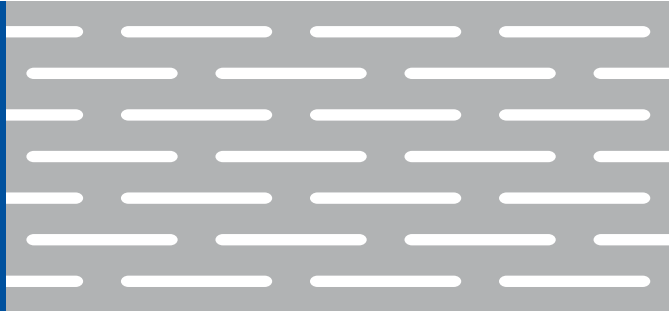
E-Mail: info@jaera.de
 www.jaera.de

Perforated sheets
 LRZ

**Slotted hole staggered pitch
LRZ 1,5x20-5,5x25/Bridge 4x5**

Open area approx. 22 %

Scale 1:1

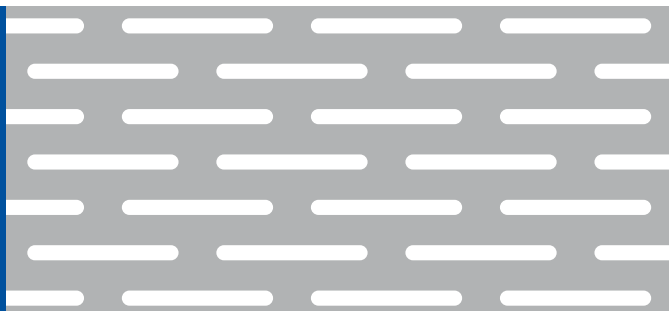


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,3 |
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 5,3 |

**Slotted hole staggered pitch
LRZ 2x20-6x25/Bridge 4x5**

Open area approx. 37 %

Scale 1:1

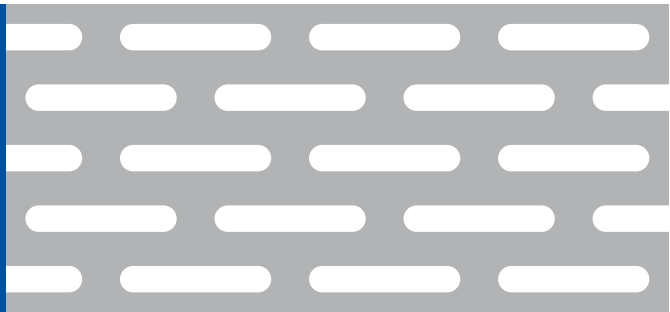


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,0 |

**Slotted hole staggered pitch
LRZ 2,5x20-6x25/Bridge 3,5x5**

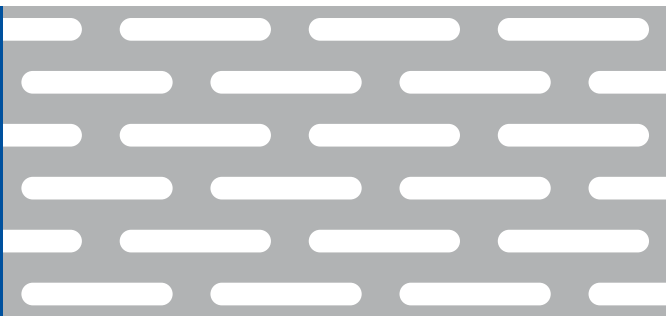
Open area approx. 38 %

Scale 1:1



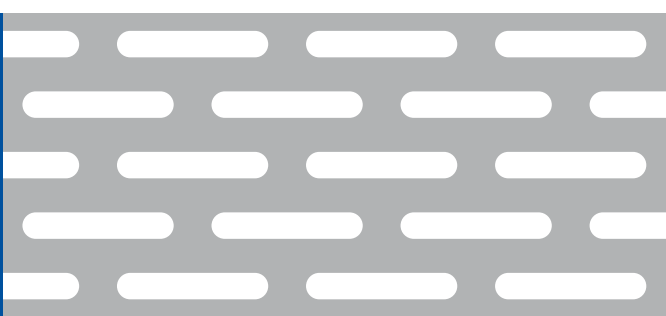
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,0 |

Slotted hole staggered pitch
LRZ 3x20-7x25/Bridge 4x5
 Open area approx. 40 %
 Scale 1:1



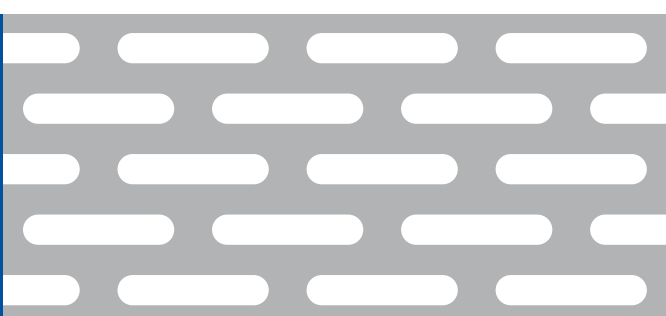
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,8 |
| | 1,50 | | | 7,7 |
| Aluminium AL99,5 | 2,00 | | | 3,2 |

Slotted hole staggered pitch
LRZ 3,5x20-8x25/Bridge 4,5x5
 Open area approx. 40 %
 Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,8 |

Slotted hole staggered pitch
LRZ 4x20-8x25/Bridge 4x5
 Open area approx. 38 %
 Scale 1:1



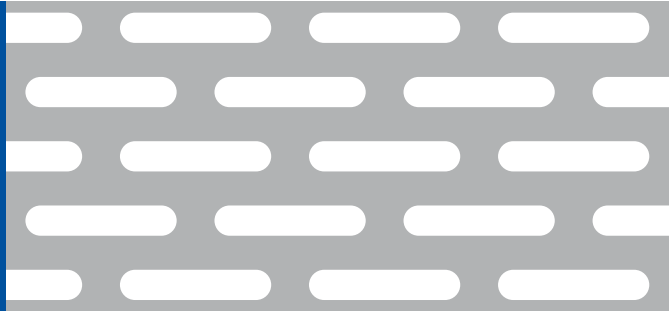
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium ALMG3 | 1,50 | | | 2,5 |

Perforated sheets
LRZ

**Slotted hole staggered pitch
LRZ 4x20-8,5x25/Bridge 4,5x5**

Open area approx. 40 %

Scale 1:1

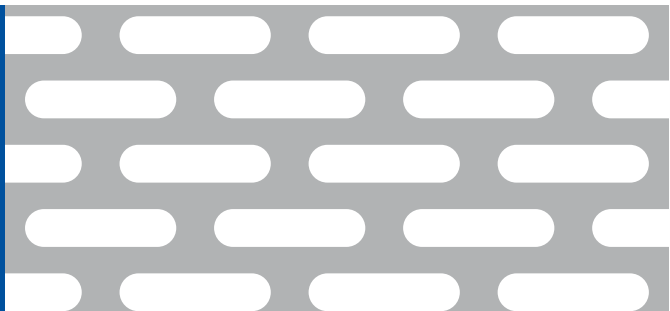


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,8 |

**Slotted hole staggered pitch
LRZ 5x20-8,5x25/Bridge 3,5x5**

Open area approx. 44 %

Scale 1:1

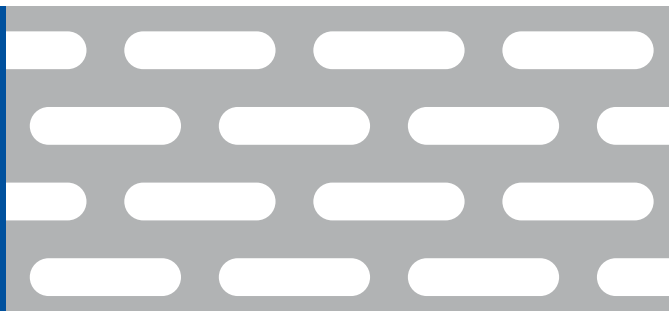


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 2,00 | | | 3,0 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | 6,6 |

**Slotted hole staggered pitch
LRZ 5x20-10x25/Bridge 5x5**

Open area approx. 38 %

Scale 1:1

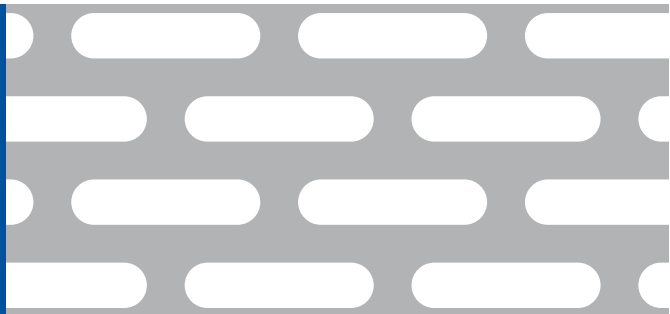


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium ALMG3 | 1,50 | | | 2,5 |

**Slotted hole staggered pitch
LRZ 5x25-10x30/Bridge 5x5**

Open area approx. 40 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,8 |
| | 1,50 | | | 7,2 |
| Aluminium AL99,5 | 1,50 | | | 2,4 |

**Slotted hole staggered pitch
LRZ 8x40-16x50/Bridge 8x10**

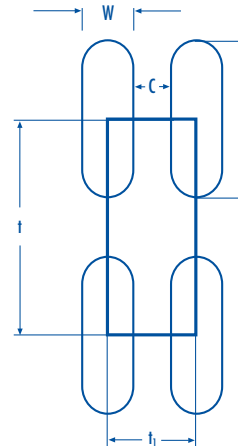
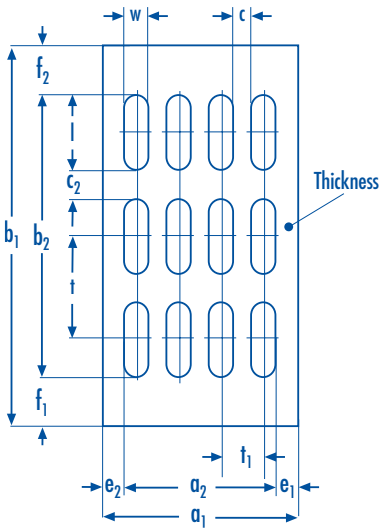
Open area approx. 38 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 9,3 |

Slotted hole straight pitch (LRU)



$$a_2 = x_1 \cdot t + w$$

x_1 = Number of clearances t parallel to a_2

$$b_2 = x_1 \cdot t + w$$

x_2 = Number of clearances t parallel to b_2

$$t = w + c$$

Open area approx.:

$$a_0) = \frac{78,5 \cdot w^2}{t^2} = \text{in \%}$$

$$\text{Number of hole per m}^2 \quad n = \frac{10^6}{t^2}$$

$$t = \sqrt{\frac{10^6}{n}} = \sqrt{\frac{F \cdot 10^6}{N}}$$

l = Long slot

w = Width slot

t_1 = Long pitch

t_2 = Width pith

c_1 = Long bridge

c_2 = Width bridge

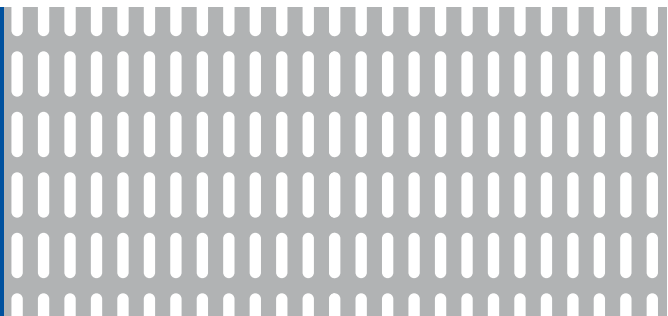
$t_1 = w + c_1$

$t_2 = l + c_2$

Slotted hole straight pitch LRU 1,5x6-3,5x8/Bridge 2x2

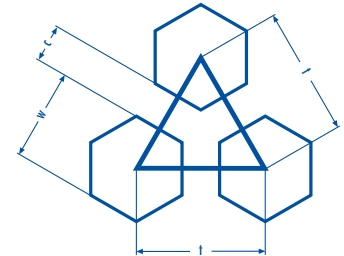
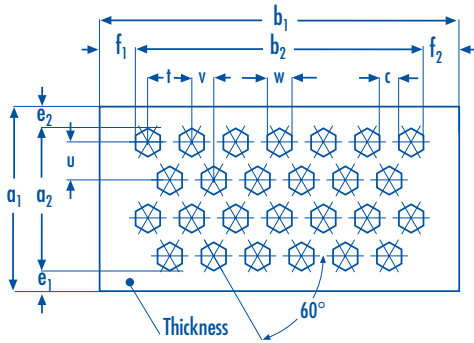
Open area approx. 30 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 1,00 | | | 5,5 |

Hexagonal hole staggered pitch (HT)



Calculation: Open area approx.
free cross-section %

$$\frac{w^2 \cdot 100}{t^2}$$

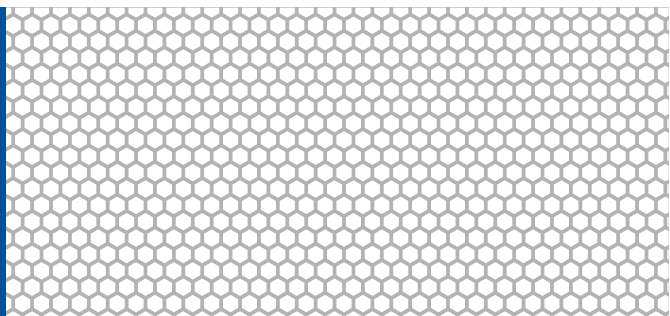
Calculation: hole number/m²

$$\frac{1.000.000}{t^2}$$

Hexagonal hole staggered pitch HT 2-2,5

Open area approx. 64 %

Scale 1:1



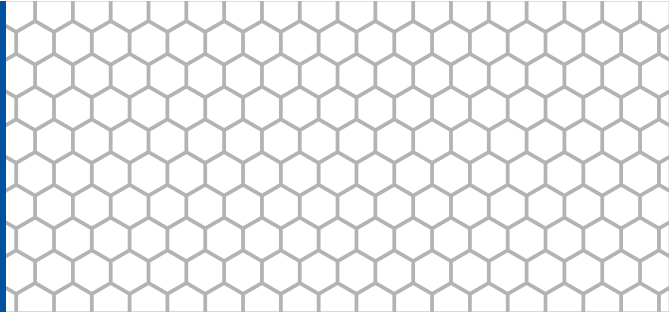
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | 1,00 | 2,9 |
| Galvanized steel | 1,00 | | | 2,9 |
| Aluminium ALMG1 | 1,00 | | | 1,0 |

Perforated sheets
HT

Hexagonal hole staggered pitch HT 4,5-5

Open area approx. 81 %

Scale 1:1

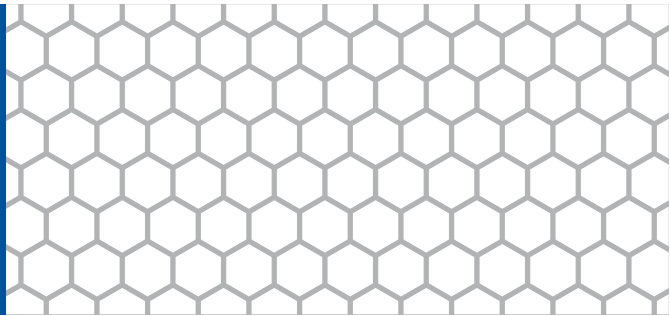


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | 1,00 | 1,5 |
| | 1,50 | | | 2,3 |

Hexagonal hole staggered pitch HT 6-6,7

Open area approx. 80 %

Scale 1:1

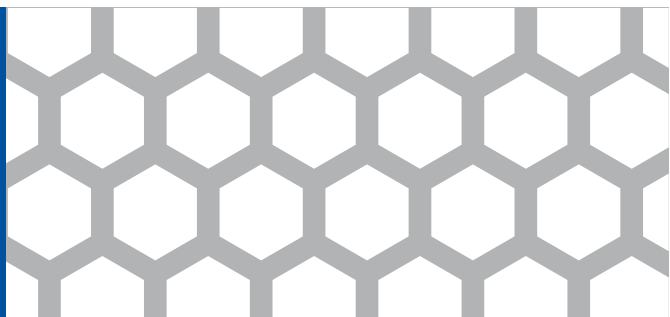


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 1,6 |
| | 1,50 | | | 2,4 |
| Aluminium AL99,5 | 1,00 | | | 0,5 |
| | 1,50 | | | 0,8 |

Hexagonal hole staggered pitch HT 11-14

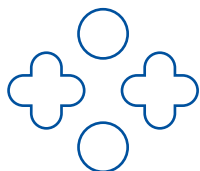
Open area approx. 62 %

Scale 1:1

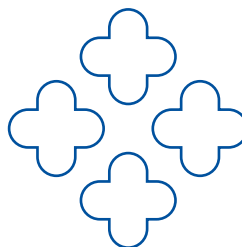


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,0 |

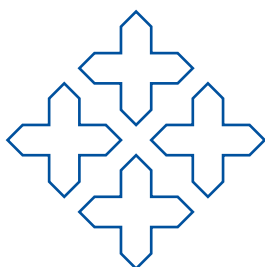
Decorative sheets



Decorative perforation Nr. 501



Decorative perforation Nr. 502/510



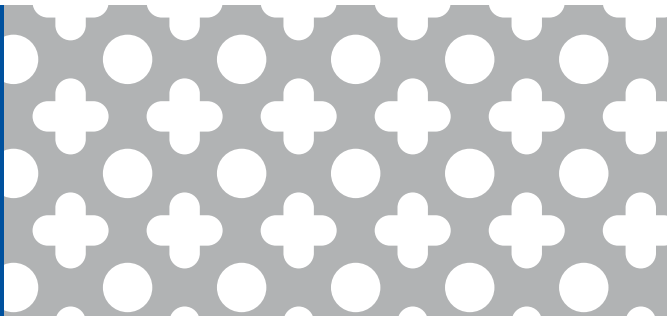
Decorative perforation Nr. 503



Decorative perforation Nr. 519

**Decorative sheets
Nr. 501**
Open area approx. 43 %

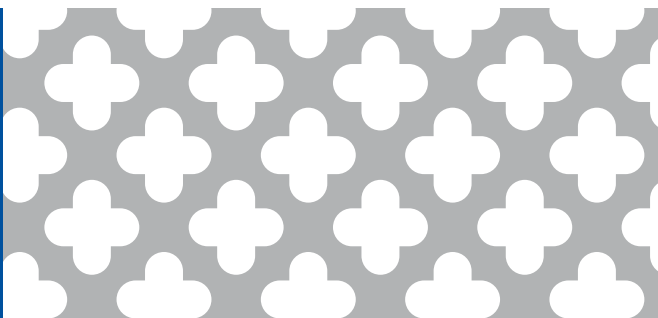
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,5 |

**Decorative sheets
Nr. 502**
Open area approx. 48 %

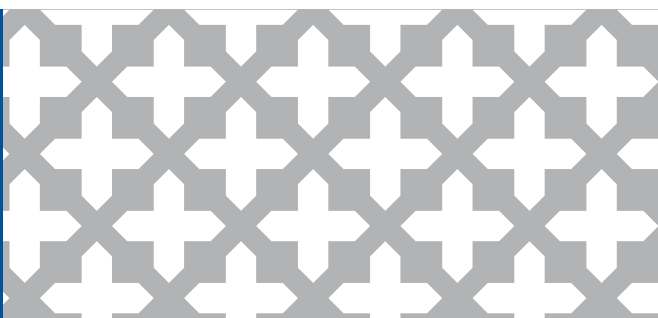
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,2 |
| | 1,50 | | | 6,2 |
| | 2,00 | | | 8,8 |
| Galvanized steel | 1,50 | | | 6,2 |
| Aluminium AL99,5 | 1,00 | | | 1,5 |
| | 1,50 | | | 2,3 |

**Decorative sheets
Nr. 503**
Open area approx. 46 %

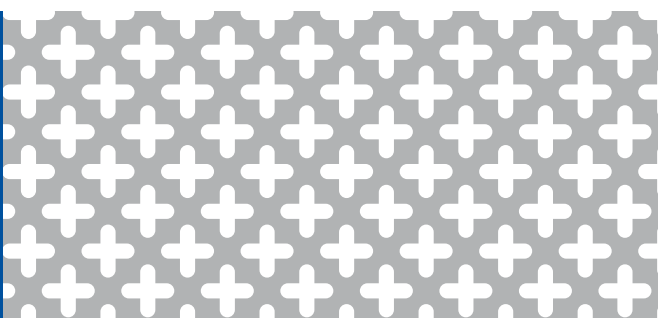
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,3 |

**Decorative sheets
Nr. 510**
Open area approx. 49 %

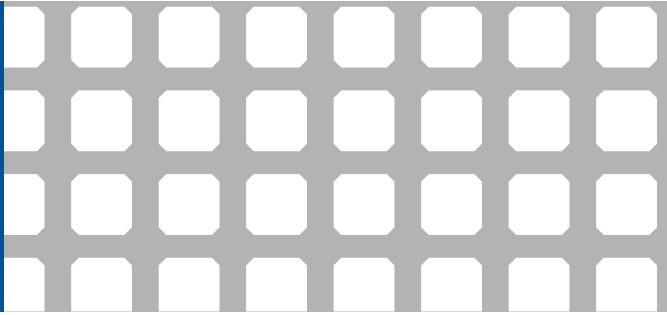
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 6,2 |

Decorative sheets
Nr. 519
Open area approx. 44 %

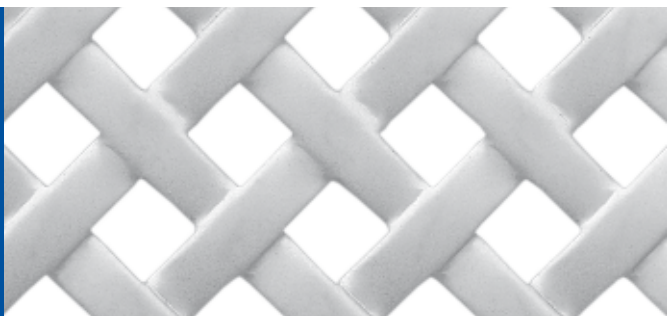
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 4,5 |

Decorative sheets
Nr. 600
Open area approx. 45 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,6 |

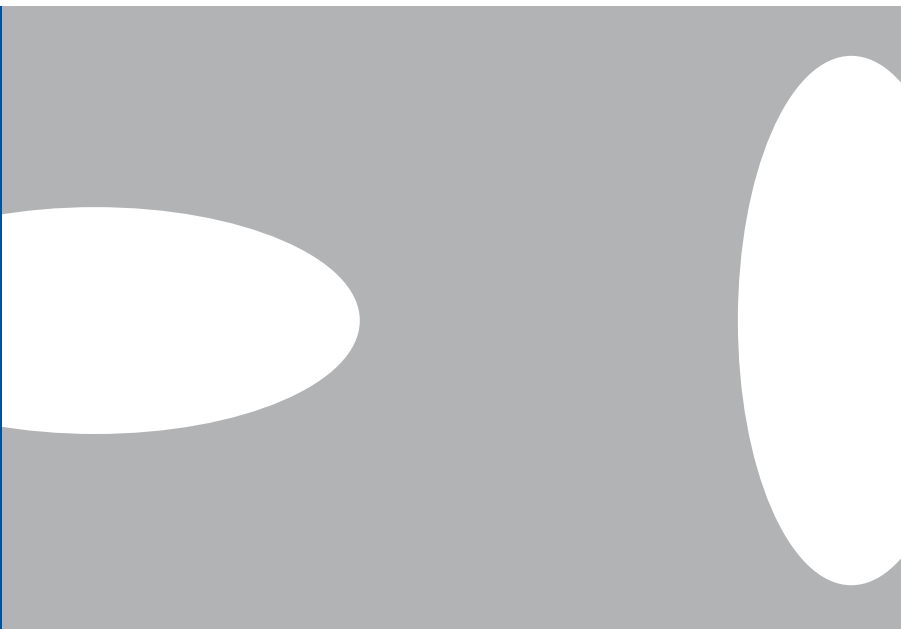
EVH
8 x 32-50 x 50
Open area approx. 8 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 2,00 | 2,00 | | 5,0 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 10,8 |

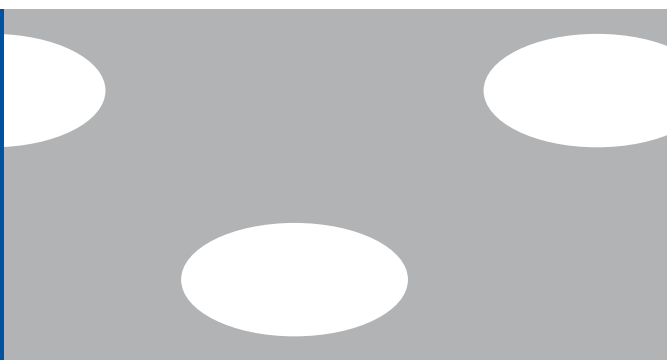
EVH
30 x 70-100 x 100
Open area approx. 17 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 2,00 | 2,00 | | 4,5 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | 1,50 | | 9,8 |

EVL
15 x 30-25 x 80
Open area approx. 18 %



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on both sides | 2,00 | | | 4,5 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 9,7 |

RE
5 x 15-35 x 35
 Open area approx. 12 %

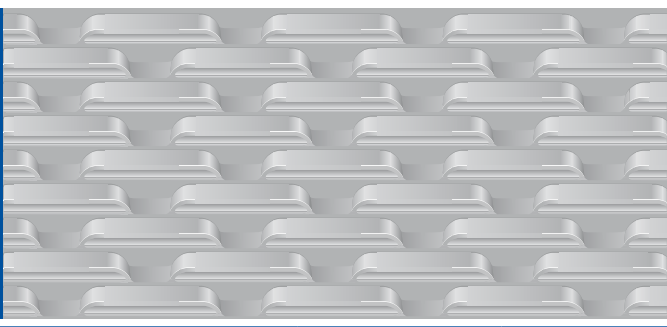
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 2,00 | | | 4,8 |
| Stainless steel 1.4301 AISI 304 on both sides grain 240 | 1,50 | | | 10,4 |

Slot Bridge
5 x 17-10,5 x 32
 Open area approx. 35 %

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,50 | 2,50 | 2,50 | 20,0 |
| | 3,00 | 3,00 | 3,00 | 24,0 |
| | 4,00 | 4,00 | 4,00 | 32,0 |

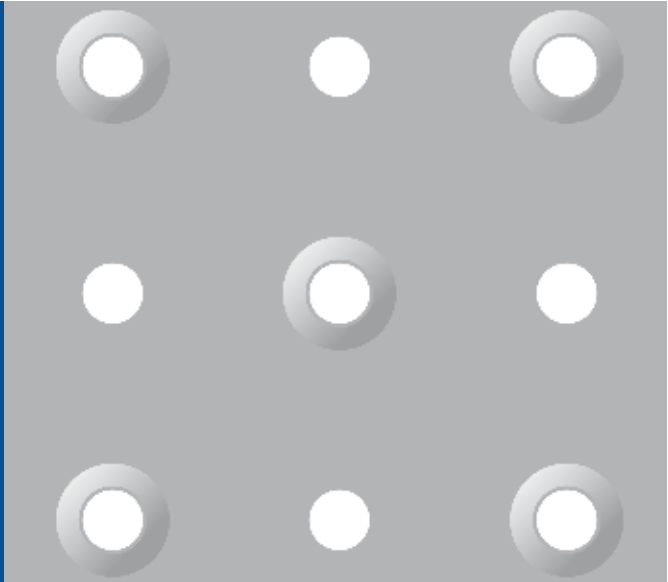
Anti-slip sheet metal

Perforated sheets
Anti-slip sheet metal

Anti-slip sheet metal Round hole square pitch RU 8-30

Open area approx. 5 %

Scale 1:1

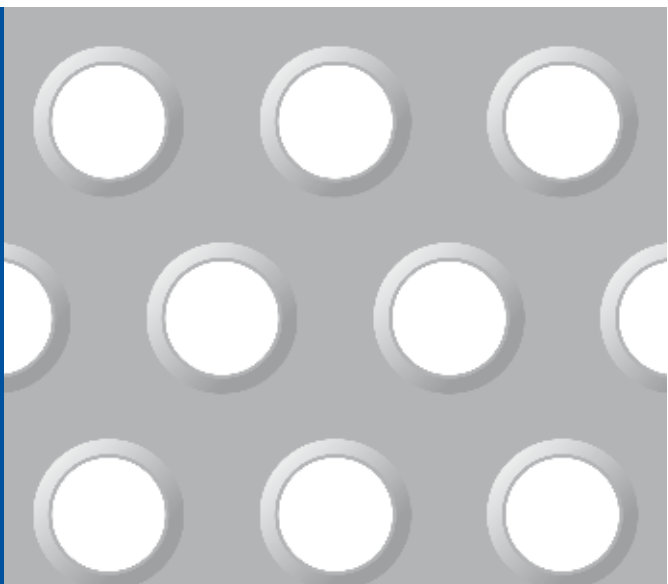


| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 15,0 |
| | 3,00 | 3,00 | | 22,5 |
| Aluminium AL99,5 | 3,00 | | | 10,1 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | 15,0 |

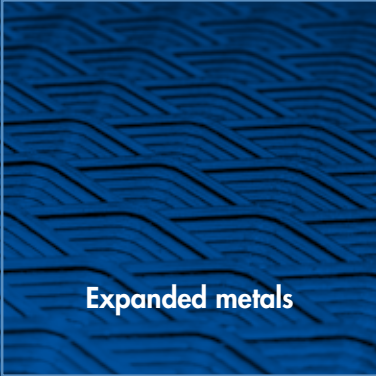
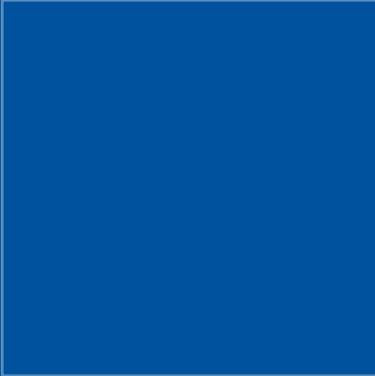
Anti-slip sheet metal Round hole staggered pitch RT 15-30

Open area approx. 23 %

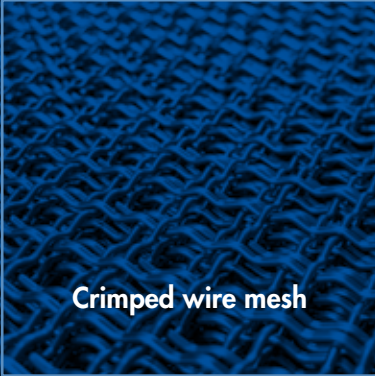
Scale 1:1



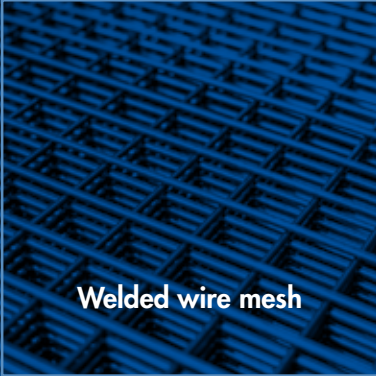
| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 12,0 |



Expanded metals



Crimped wire mesh



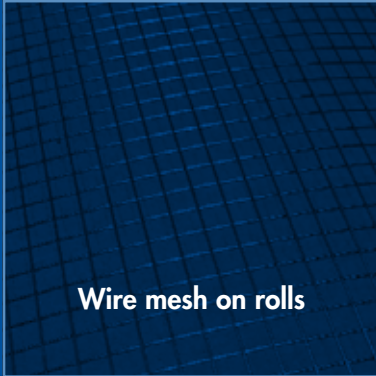
Welded wire mesh



Crimped wire mesh flat



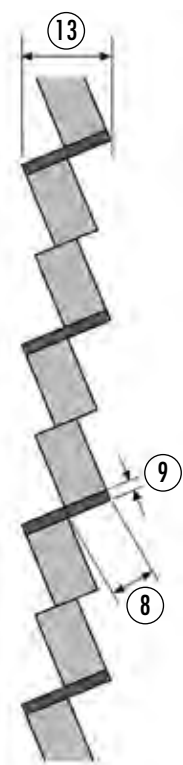
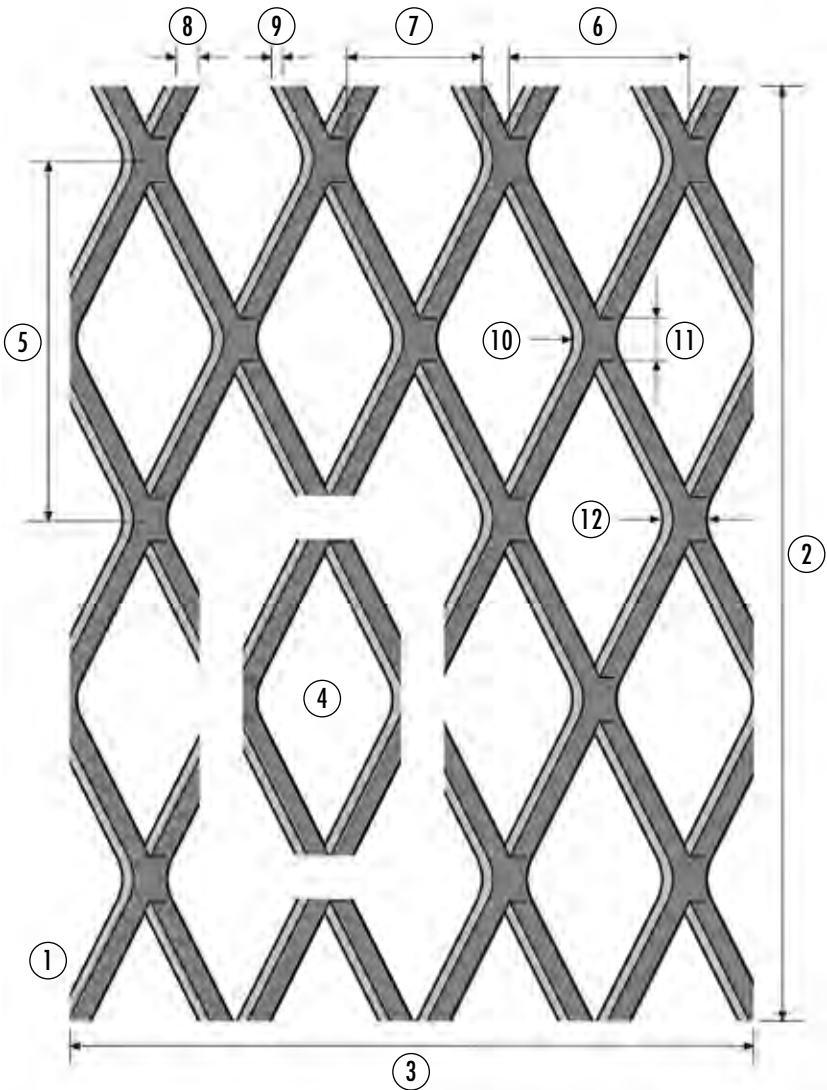
Wire cloth on rolls



Wire mesh on rolls

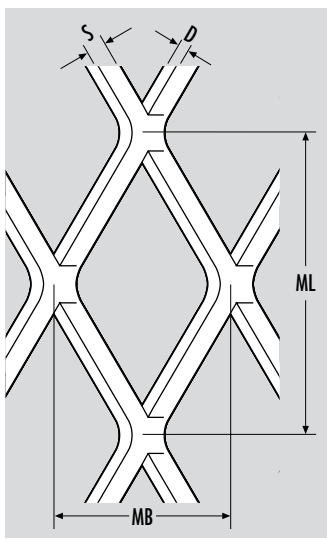
Notions

Expanded metals
Technical information



Nr. _____

- ① Expanded metal
- ② Expanded metal length
- ③ Expanded metal width
- ④ Mesh
- ⑤ Mesh length
- ⑥ Mesh width
- ⑦ Mesh open area
- ⑧ Strip
- ⑨ Strip thickness
- ⑩ Knuckle
- ⑪ Knuckle length
- ⑫ Knuckle width
- ⑬ Expanded metal thickness

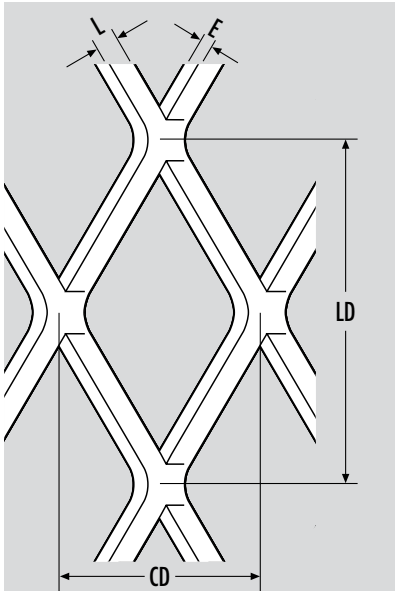


Calculation of open area

Coefficient open area = $\frac{\text{Mesh width CD}}{2 \times \text{Strip width L}}$

$\frac{\text{Coefficient open area} - 1}{\text{Coefficient open area}} \times 100 = \text{Open area}$

Diamond mesh



- LD = Long diagonal length
- CD = Short diagonal width
- L = Strip width
- E = Thickness

Diamond mesh L4

LD = 4
 CD = 2,2
 L = 0,5
 E = 0,5
 Open area approx. 54 %

Scale 1:1

LENGTH OF THE MESH
 PARALLEL TO THE SHORT SIDE

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 30 | 0,50 | | | 1,8 |

Diamond mesh L6

LD = 6
 CD = 3
 L = 1
 E = 0,5
 Open area approx. 35 %

Scale 1:1

LENGTH OF THE MESH
 PARALLEL TO THE SHORT SIDE

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,50 | | | 2,6 |
| Aluminium AL99,5 | 0,50 | | | 0,8 |

Other materials are available on request!



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www.jaera.de

Expanded metals
Diamond mesh

Diamond mesh L10

LD = 10

CD = 4,5

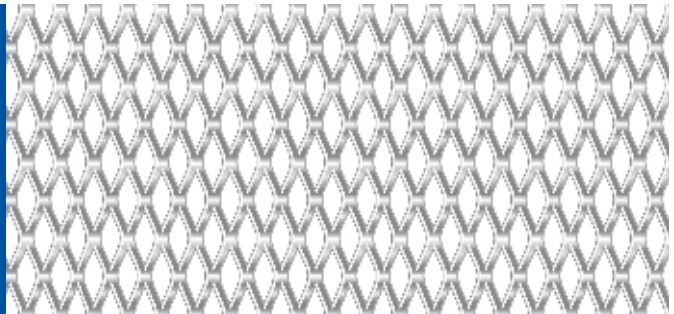
L = 1

E = 0,5

Open area approx. 55 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 30 | 0,50 | | | 1,8 |

Diamond mesh L10

LD = 10

CD = 5

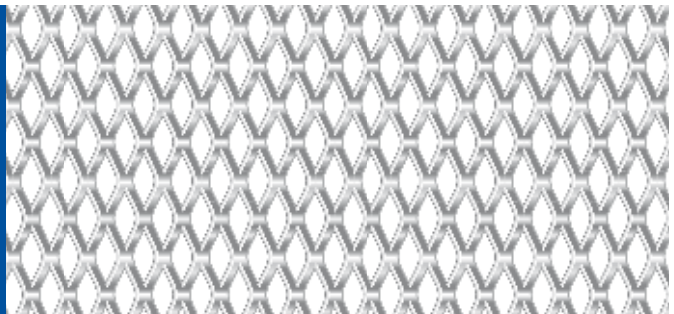
L = 1,5

E = 1

Open area approx. 37 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 5,0 |
| Aluminium AL99,5 | | 1,00 | | 1,7 |

Diamond mesh L10

LD = 10

CD = 5

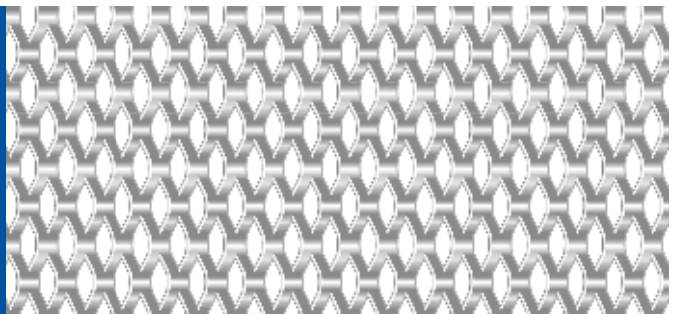
L = 2

E = 0,8

Open area approx. 20 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 0,80 | | | 1,7 |

| | | |
|---|--|--|
| <p>Diamond mesh L10 LD = 10 CD = 5 L = 2 E = 1 Open area approx. 20 % Scale 1:1</p> | LENGTH OF THE MESH PARALLEL TO THE SHORT SIDE |  |
|---|--|--|

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 1,00 | | | 6,3 |

| | | |
|---|--|--|
| <p>Diamond mesh L16 LD = 16 CD = 6,5 L = 1 E = 1 Open area approx. 69 % Scale 1:1</p> | LENGTH OF THE MESH PARALLEL TO THE SHORT SIDE |  |
|---|--|--|

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 1,00 | | | 0,8 |
| Stainless steel 1.4301 AISI 30 | 1,00 | | | 2,5 |
| Stainless steel 1.4571 AISI 316 Ti | 1,00 | | | 2,5 |

| | | |
|---|--|--|
| <p>Diamond mesh L16 LD = 16 CD = 6,6 L = 1 E = 0,8 Open area approx. 70 % Scale 1:1</p> | LENGTH OF THE MESH PARALLEL TO THE SHORT SIDE |  |
|---|--|--|

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,80 | | | 1,9 |

Diamond mesh L16

LD = 16

CD = 8

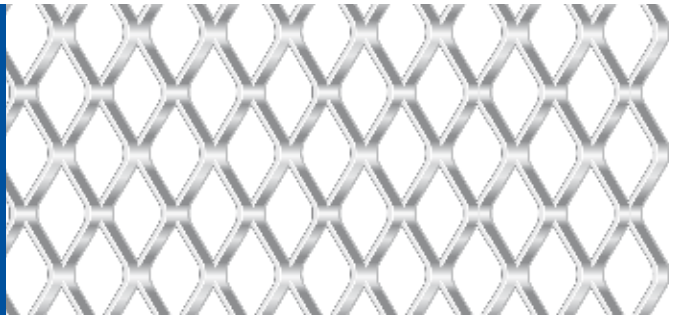
L = 1,5

E = 1

Open area approx. 58 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 1,00 | | 2,9 |
| Galvanized steel | 1,00 | 1,00 | | 2,9 |
| Aluminium AL99,5 | 1,00 | 1,00 | | 1,1 |

Diamond mesh L20

LD = 20

CD = 8

L = 3

E = 2

Open area approx. 25 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 2,00 | | 12,0 |

Diamond mesh L20

LD = 20

CD = 10

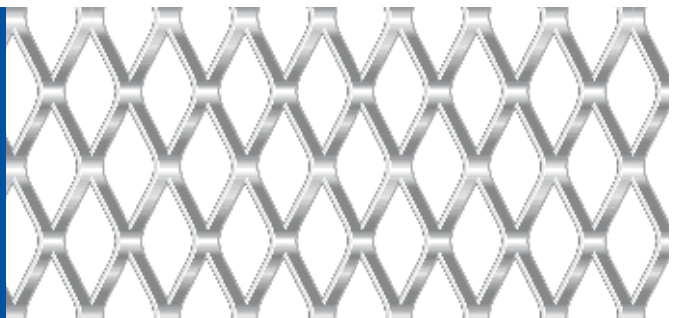
L = 2

E = 1

Open area approx. 60 %

Scale 1:1

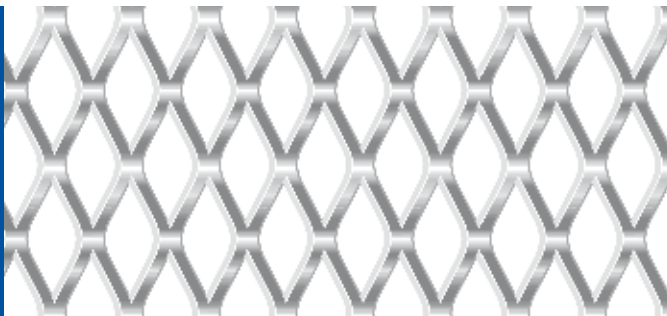
LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 3,2 |

Diamond mesh L20
 LD = 20
 CD = 10
 L = 2
 E = 1,5
 Open area approx. 60 %
 Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | | 1,50 | | 1,6 |

Diamond mesh L28
 LD = 28
 CD = 10
 L = 2
 E = 1,5
 Open area approx. 60 %
 Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 1,50 | 1,50 | | 1,6 |
| Stainless steel 1.4301 AISI 30 | 1,50 | | | 4,8 |

Diamond mesh L28
 LD = 28
 CD = 10
 L = 2,5
 E = 1
 Open area approx. 50 %
 Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | 1,00 | | 4,00 |

Diamond mesh L28

LD = 28

CD = 10

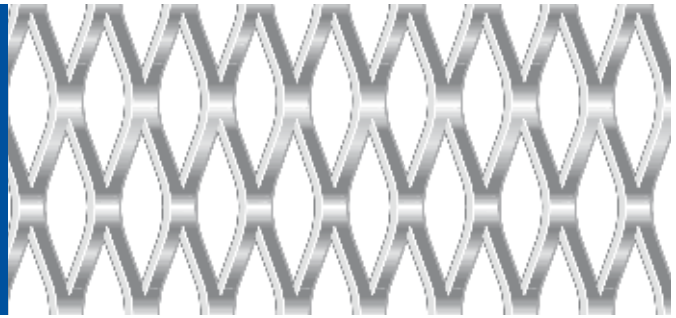
L = 3

E = 2

Open area approx. 37 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | | 9,4 |
| Steel hot-dipped galvanised | 2,00 | | | 9,4 |
| Stainless steel 1.4301 AISI 30 | 2,00 | | | 9,4 |

Diamond mesh L42

LD = 42

CD = 13

L = 2,5

E = 1,5

Open area approx. 61 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 4,7 |
| Steel hot-dipped galvanised | 1,50 | | | 4,7 |
| Aluminium AL99,5 | 1,50 | 1,50 | | 1,5 |
| Stainless steel 1.4301 AISI 30 | 1,50 | | | 4,7 |

Diamond mesh L42

LD = 42

CD = 13

L = 3

E = 2

Open area approx. 54 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | 2,00 | 2,00 | 7,4 |

Diamond mesh L42

LD = 42

CD = 13

L = 3

E = 3

Open area approx. 54 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 11,0 |

Diamond mesh L42

LD = 42

CD = 14

L = 4

E = 3

Open area approx. 43 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 3,00 | | 13,7 |

Diamond mesh L42

LD = 42

CD = 18,6

L = 3

E = 2

Open area approx. 69 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 5,0 |
| Stainless steel 1.4301 AISI 30 | 2,00 | | | 5,0 |

Diamond mesh L44

LD = 44

CD = 13

L = 3

E = 2

Open area approx. 54 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4541 AISI 321 | 2,00 | | | 7,3 |

Diamond mesh L52

LD = 52

CD = 20

L = 3

E = 3

Open area approx. 70 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 7,1 |

Diamond mesh L62

LD = 62

CD = 23

L = 3

E = 3

Open area approx. 71 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 7,0 |

Diamond mesh L62

LD = 62

CD = 23

L = 5

E = 3

Open area approx. 61 %

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 30 | 3,00 | | | 9,3 |

Diamond mesh L62

LD = 62

CD = 23

L = 7

E = 3

Open area approx. 39 %

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | 3,00 | 14,3 |
| Steel hot-dipped galvanised | 3,00 | | | 14,3 |

Expanded metals
Diamond mesh

Diamond mesh L62

LD = 62

CD = 25

L = 3

E = 2

Open area approx. 76 %

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | | 2,00 | | 1,3 |

Diamond mesh L62

LD = 62

CD = 25

L = 5

E = 3

Open area approx. 61 %

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | | 3,00 | | 9,3 |

Diamond mesh L110

LD = 110

CD = 42

L = 10

E = 2

Open area approx. 52 %

LENGTH OF THE MESH PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 2,00 | | | 2,6 |

Diamond mesh L110

LD = 110

CD = 48

L = 20

E = 2

Open area approx. 17 %

LENGTH OF THE MESH PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 12,8 |

Expanded metals
Diamond mesh

Diamond mesh L115

LD = 115

CD = 42

L = 6

E = 3

Open area approx. 71 %

LENGTH OF THE MESH PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 3,00 | | | 7,0 |
| Steel hot-dipped galvanised | 3,00 | | | 7,0 |

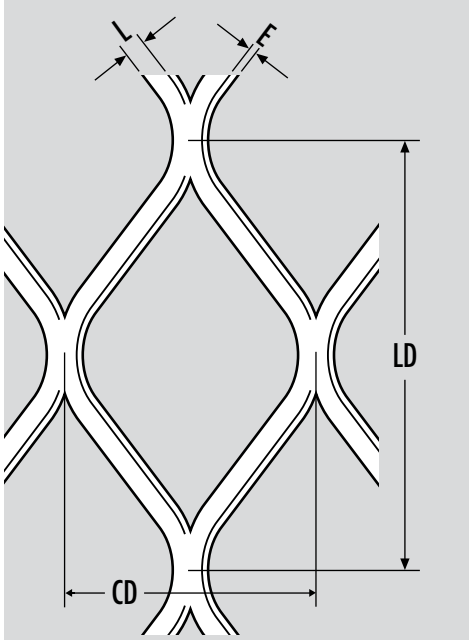
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www.jaera.de

Diamond mesh – flat



LD = Long diagonal length

CD = Short diagonal width

L = Strip width

E = Thickness

Expanded metals
Diamond mesh flat

Diamond mesh L6 flat

LD = 6

CD = 3,4

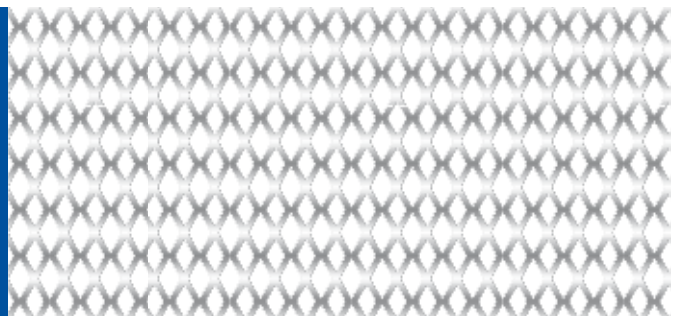
L = 1

E = 0,5

Open area approx. 41 %

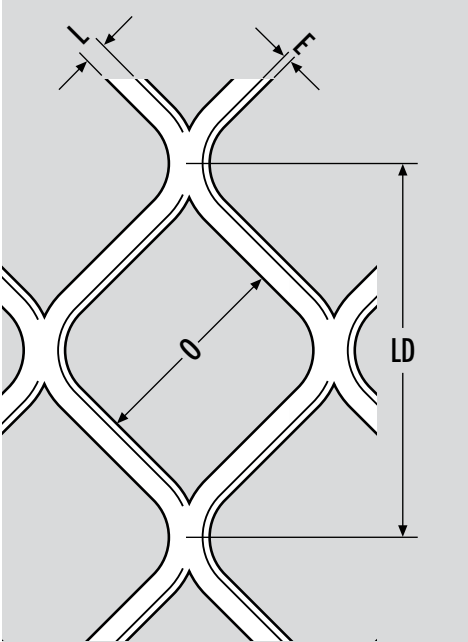
Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 30 | 0,50 | | | 2,40 |

Square mesh – flat



LD = Mesh length

O = Mesh open area

L = Strip width

E = Thickness

Square mesh M4 flat

LD = 4

O = 2

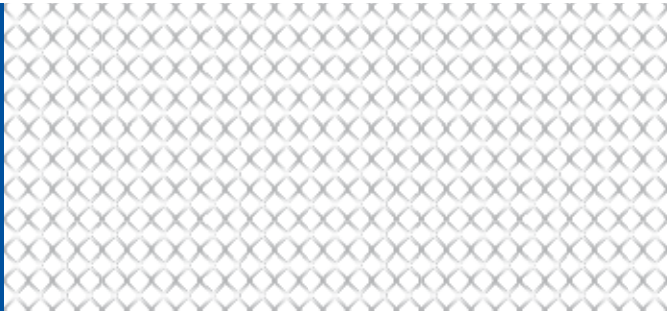
L = 1

E = 0,5

Open area approx. 60 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | 0,50 | | | 1,6 |

Square mesh M6 flat

LD = 6

O = 3

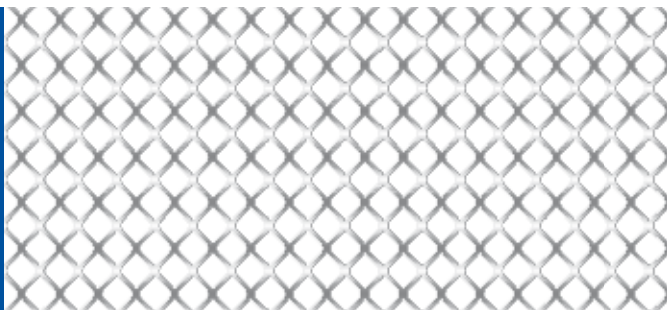
L = 0,8

E = 0,8

Open area approx. 62 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 0,80 | | | 2,4 |

Expanded metals
Square mesh flat

Square mesh M10 flat

LD = 10

O = 5

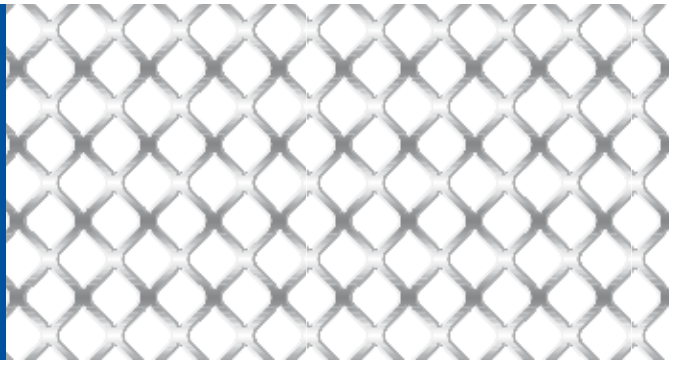
L = 1

E = 0,8

Open area approx. 75 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | | 0,80 | | 0,6 |

Square mesh M12 flat

LD = 12

O = 6

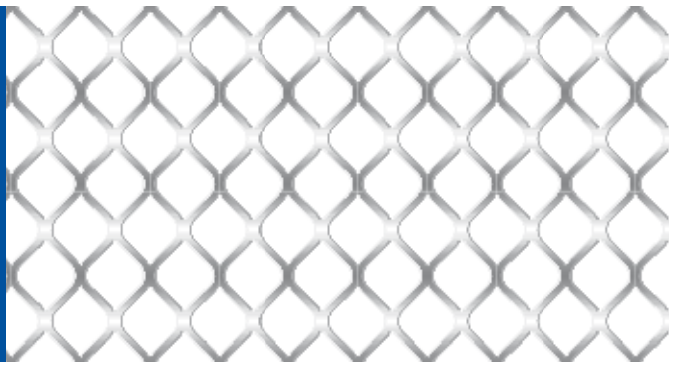
L = 1

E = 1

Open area approx. 66 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 2,7 |

Square mesh M14 flat

LD = 14

O = 8

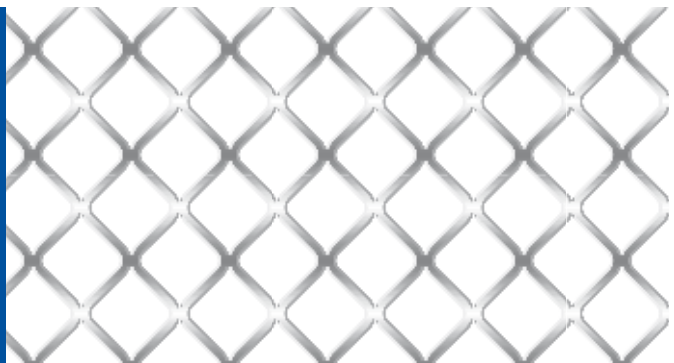
L = 1,5

E = 1,5

Open area approx. 71 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 3,5 |

Square mesh M20 flat

LD = 20

O = 11

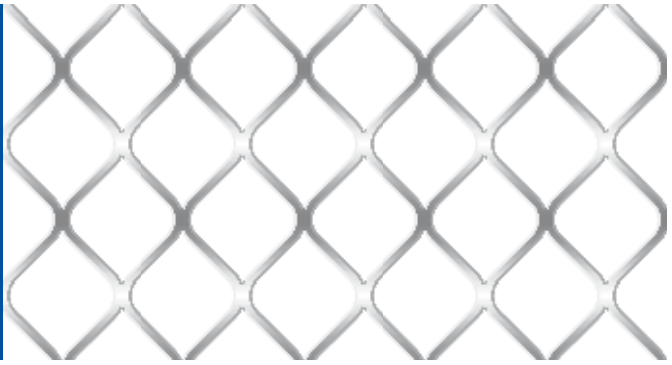
L = 1,5

E = 1,5

Open area approx. 77 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,5 | | | 2,8 |
| Galvanized steel | 1,5 | | | 2,8 |

Square mesh M30 flat

LD = 30

O = 22

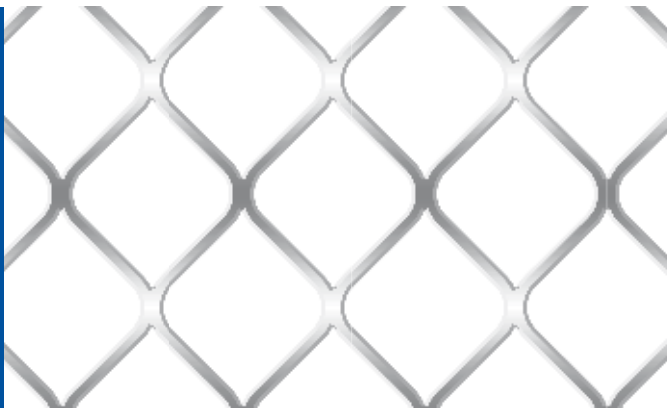
L = 2

E = 2

Open area approx. 82 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 3,2 |
| Aluminium AL99,5 | | 2,00 | | 0,9 |

Square mesh M40 flat

LD = 40

O = 22

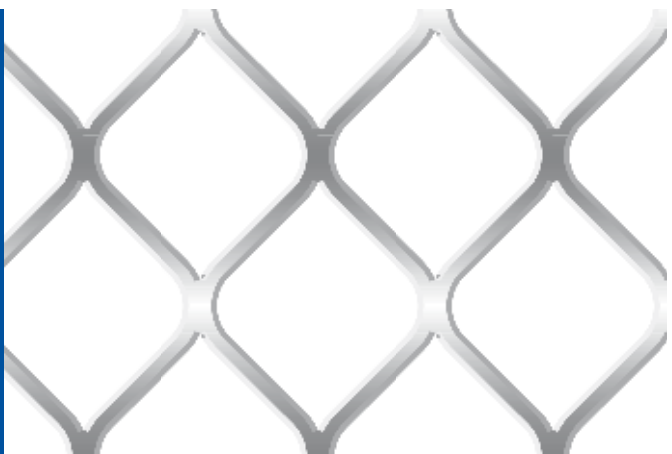
L = 3

E = 2

Open area approx. 77 %

Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,00 | | | 3,6 |

Square mesh M50 flat

LD = 50

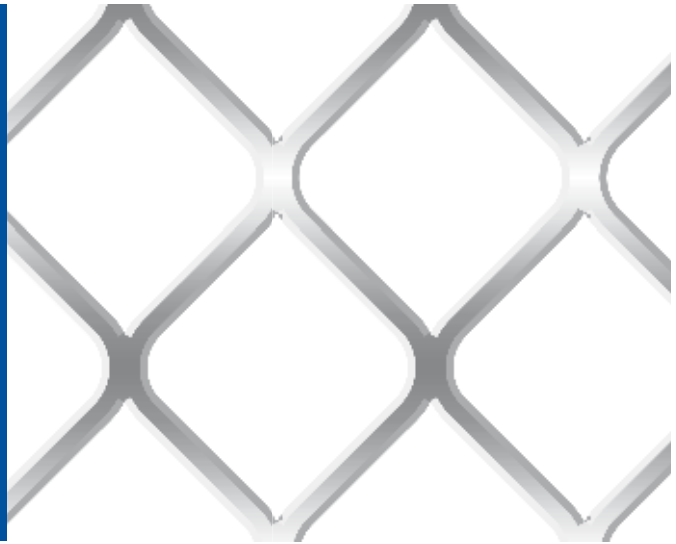
O = 28

L = 4

E = 2,5

Open area approx. 76 %

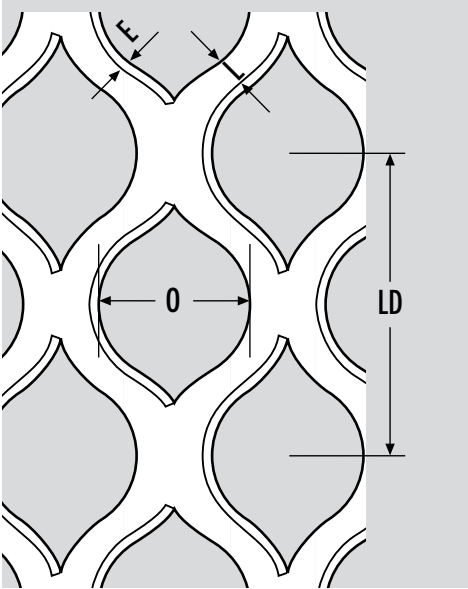
LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 2,50 | | | 4,8 |

Round mesh – flat



LD = Mesh length

O = Mesh open area

L = Strip width

E = Thickness

Round mesh R10 flat

LD = 10

O = 4

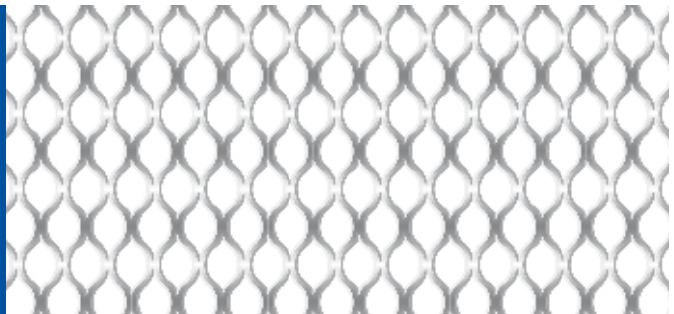
L = 1,5

E = 1

Open area approx. 33 %

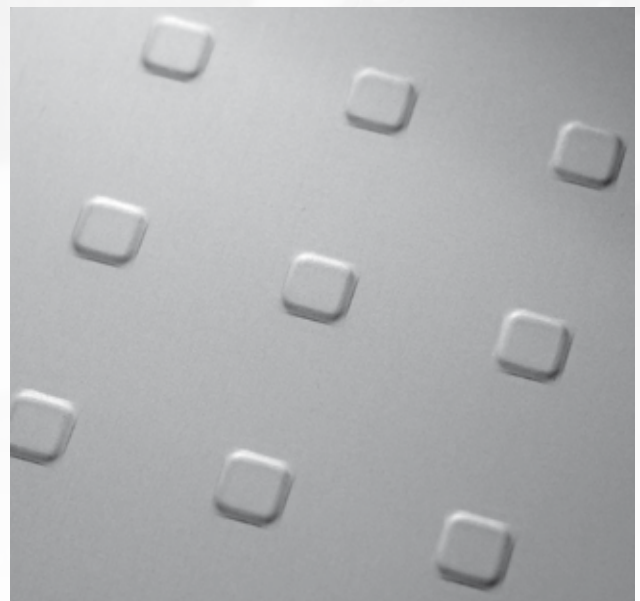
Scale 1:1

LENGTH OF THE MESH
PARALLEL TO THE SHORT SIDE

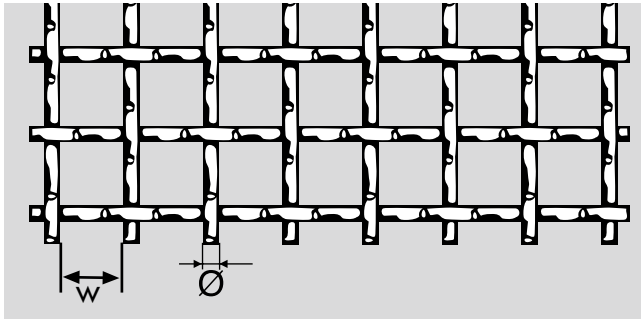


Expanded metals
Round mesh flat

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Galvanized steel | | 1,00 | | 4,8 |

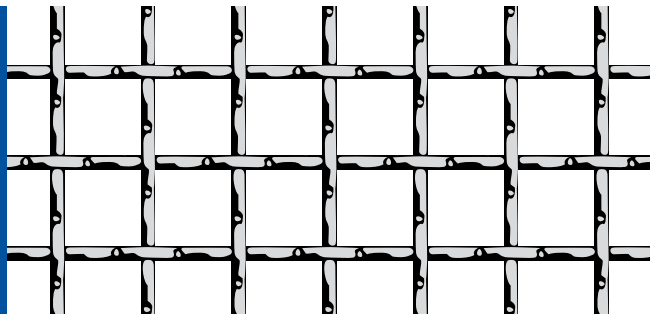


Crimped wire mesh



Mesh opening = Space between the two threads

Crimped wire mesh
Mesh opening 10x10 mm
 Open area approx. 68 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 2,00 | 2,00 | 2,00 | 2,00 | 4,5 |
| Galvanized steel | 2,00 | 2,00 | 2,00 | 2,00 | 4,5 |
| Aluminium Al99,5 | 2,00 | | | | 1,5 |
| Stainless steel 1.4301 AISI 304 | 1,50 | | | | 2,7 |
| | 2,00 | 2,00 | | | 4,5 |
| | 3,00 | | | | 9,4 |
| Stainless steel 1.4404 AISI 316 L | 2,00 | | | | 4,5 |
| Stainless steel 1.4571 AISI 316 Ti | 2,00 | | | | 4,5 |

Crimped wire mesh

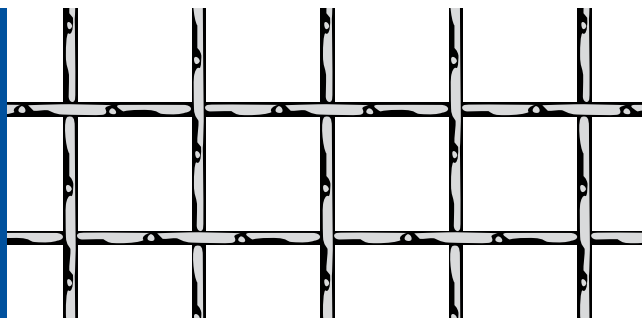
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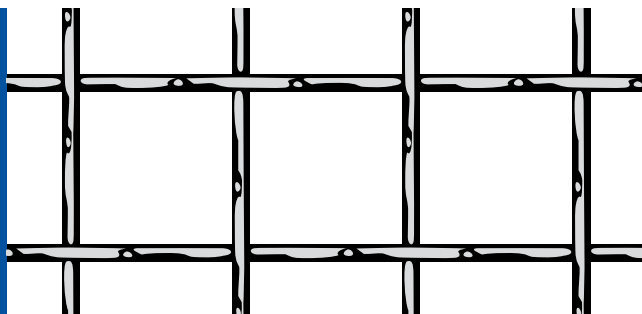
E-Mail: info@jaera.de
 www.jaera.de

Crimped wire mesh
Mesh opening 15x15 mm
 Open area approx. 76 %



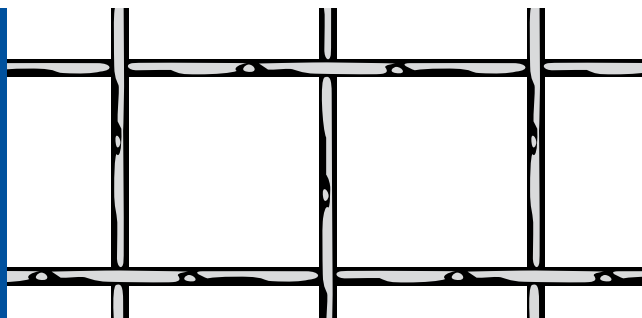
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 2,00 | | | | 3,2 |
| | 2,50 | | | | 4,9 |
| Galvanized steel | 2,00 | | | | 3,2 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | | 3,2 |

Crimped wire mesh
Mesh opening 20x20 mm
 Open area approx. 79 %



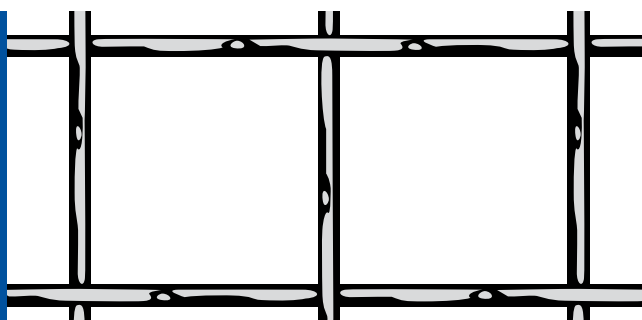
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 2,50 | 2,50 | | 2,50 | 3,8 |
| | 3,00 | 3,00 | | 3,00 | 5,3 |
| Galvanized steel | 2,00 | | | | 2,5 |
| | 2,50 | 2,50 | 2,50 | | 3,8 |
| | 3,00 | 3,00 | 3,00 | | 5,3 |
| Stainless steel 1.4301 AISI 304 | 2,00 | 2,00 | | | 2,5 |
| | 2,50 | | | | 3,8 |
| | 3,00 | | | | 5,3 |
| Stainless steel 1.4404 AISI 316 L | 2,00 | | | | 2,5 |
| Stainless steel 1.4571 AISI 316 Ti | 2,00 | | | | 2,5 |

Crimped wire mesh
Mesh opening 25x25 mm
 Open area approx. 81 %



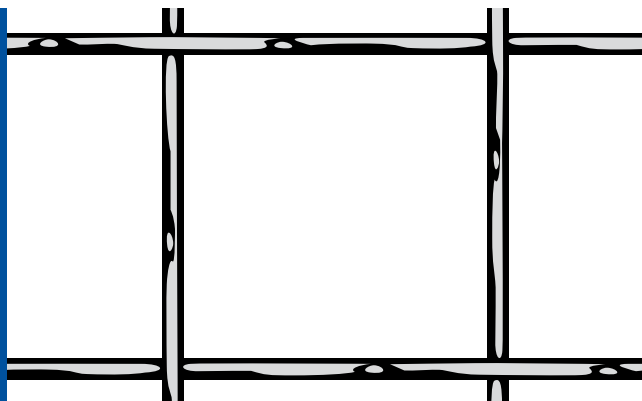
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | | | | 4,4 |
| Galvanized steel | 2,50 | 2,50 | 2,50 | | 3,1 |
| Stainless steel 1.4301 AISI 304 | 2,50 | | | | 3,1 |
| Stainless steel 1.4404 AISI 316 L | 2,50 | | | | 3,1 |
| Stainless steel 1.4571 AISI 316 Ti | 2,50 | | | | 3,1 |

Crimped wire mesh
Mesh opening 30x30 mm
 Open area approx. 80 %



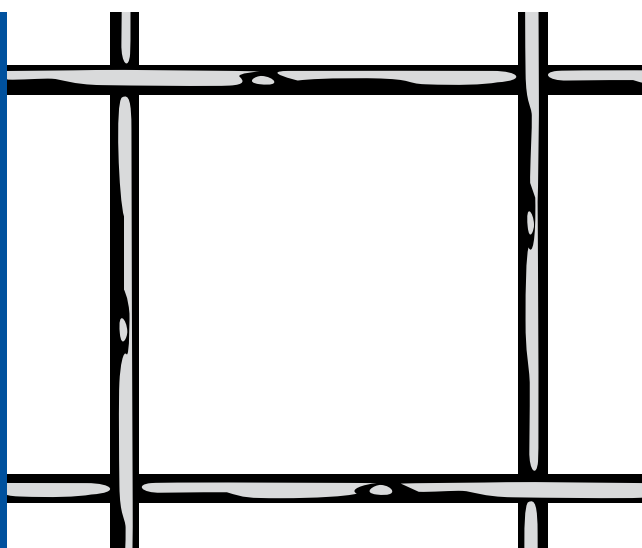
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | 3,00 | 3,00 | 3,00 | 3,7 |
| | 4,00 | | | | 6,4 |
| Galvanized steel | 3,00 | 3,00 | 3,00 | 3,00 | 3,7 |
| | 4,00 | | | 4,00 | 6,4 |
| Aluminium AL99,5 | 3,00 | | | | 1,3 |
| Stainless steel 1.4301 AISI 304 | 3,00 | 3,00 | | 3,00 | 3,7 |
| | 4,00 | | | | 6,4 |
| Stainless steel 1.4404 AISI 316 L | 3,00 | | | | 3,7 |
| Stainless steel 1.4571 AISI 316 Ti | 3,00 | | | | 3,7 |

Crimped wire mesh
Mesh opening 40x40 mm
 Open area approx. 85 %



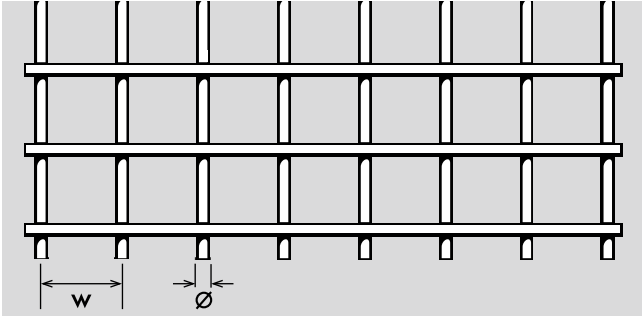
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | | | 3,00 | 2,8 |
| | 4,00 | 4,00 | 4,00 | 4,00 | 4,9 |
| Galvanized steel | 3,00 | | | | 2,8 |
| | 4,00 | 4,00 | 4,00 | 4,00 | 4,9 |
| Aluminium AL99,5 | 4,00 | | | | 1,7 |
| Stainless steel 1.4301 AISI 304 | 3,00 | | | | 2,8 |
| | 4,00 | 4,00 | 4,00 | | 4,9 |
| Stainless steel 1.4404 AISI 316 L | 3,00 | | | | 2,8 |
| Stainless steel 1.4571 AISI 316 Ti | 3,00 | | | | 2,8 |

Crimped wire mesh
Mesh opening 50x50 mm
 Open area approx. 86 %



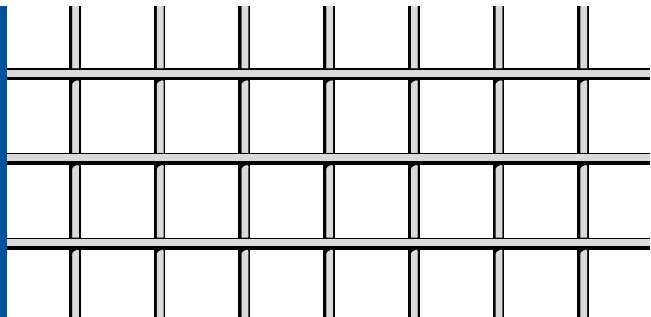
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | | | | 2,3 |
| | 4,00 | 4,00 | 4,00 | 4,00 | 4,0 |
| | 5,00 | 5,00 | | 5,00 | 6,2 |
| Galvanized steel | 3,00 | | | | 2,3 |
| | 4,00 | | | | 4,0 |
| | 5,00 | | | 5,00 | 6,2 |
| Stainless steel 1.4301 AISI 304 | 4,00 | | | | 4,0 |
| | 5,00 | | 5,00 | 5,00 | 6,2 |

Welded mesh



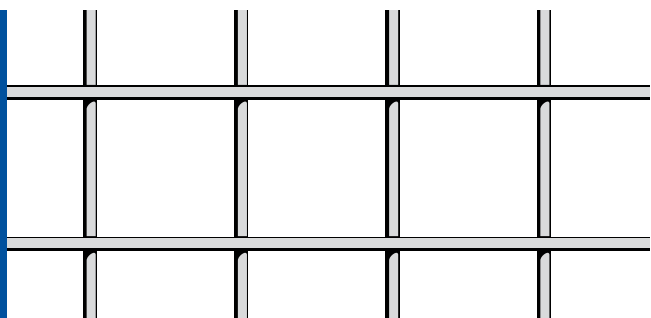
Mesh opening = Distance from wire center to wire center

Welded mesh
Mesh opening 11,2x11,2 mm
 Open area approx. 74 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Stainless steel 1.4301 AISI 304 | 1,60 | | | | | 2,5 |

Welded mesh
Mesh opening 20x20 mm
 Open area approx. 77 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 2,00 | | | | | 2,3 |
| | 2,50 | 2,50 | | | | 3,7 |
| Stainless steel 1.4301 AISI 304 | 2,00 | | | | | 2,3 |
| | 2,50 | | | | | 3,7 |
| | 3,00 | | | | | 5,3 |

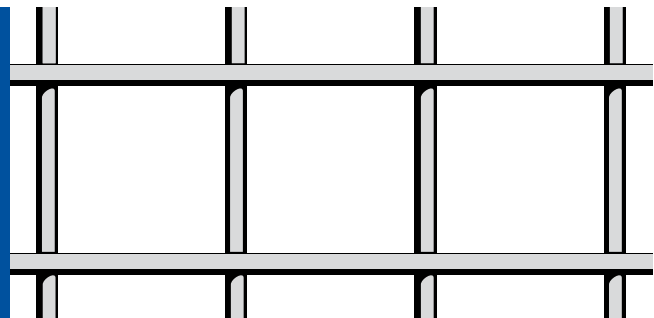
Continued on page 104

Welded mesh Mesh opening 20x20 mm

Continued from page 103

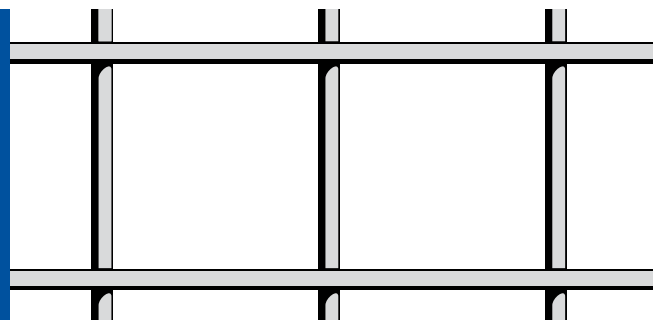
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Stainless steel 1.4404 AISI 316 L | | 2,00 | | | | 2,3 |
| | 2,50 | | | | | 3,7 |
| | 3,00 | | | | | 5,3 |
| Stainless steel 1.4571 AISI 316 Ti | | 2,00 | | | | 2,3 |
| | 2,50 | | | | | 3,7 |
| | 3,00 | | | | | 5,3 |

Welded mesh Mesh opening 25x25 mm Open area approx. 77 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | 3,00 | | 3,00 | 3,00 | 4,3 |
| Steel hot-dipped galvanised | 3,00 | 3,00 | | | | 4,3 |
| Stainless steel 1.4301 AISI 304 | 3,00 | 3,00 | 3,00 | | | 4,3 |
| Stainless steel 1.4404 AISI 316 L | 3,00 | 3,00 | | | | 4,3 |
| Stainless steel 1.4571 AISI 316 Ti | 3,00 | 3,00 | | | | 4,3 |

Welded mesh Mesh opening 30x30 mm Open area approx. 78 %

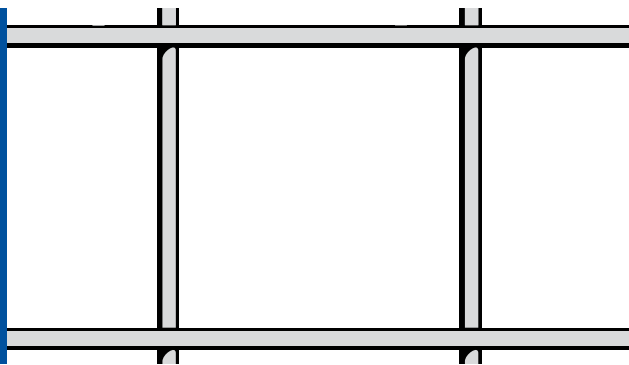


| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | 3,00 | 3,00 | 3,00 | 3,00 | 3,6 |
| | 4,00 | | | | | 6,4 |
| Steel hot-dipped galvanised | 3,00 | 3,00 | 3,00 | | | 3,6 |
| Galvanized steel | 3,00 | | | | | 3,6 |
| Stainless steel 1.4301 AISI 304 | 3,00 | 3,00 | 3,00 | 3,00 | | 3,6 |
| Stainless steel 1.4404 AISI 316 L | 3,00 | 3,00 | 3,00 | | | 3,6 |
| Stainless steel 1.4571 AISI 316 Ti | 3,00 | 3,00 | 3,00 | | | 3,6 |

Welded mesh

Mesh opening 40x40 mm

Open area approx. 83 %

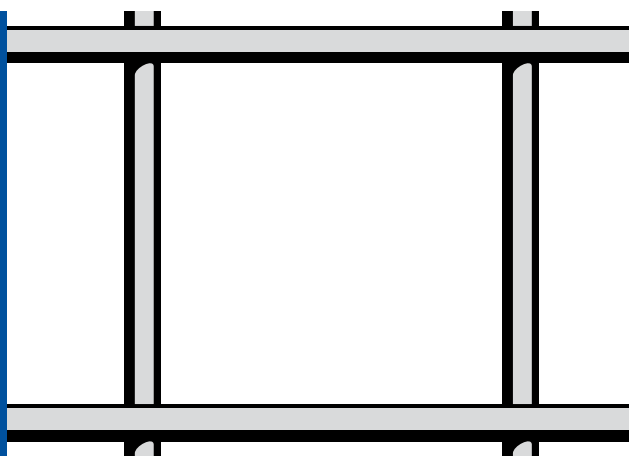


| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | 3,00 | 3,00 | 3,00 | 3,00 | 2,7 |
| | 4,00 | 4,00 | 4,00 | 4,00 | 4,00 | 4,8 |
| Steel hot-dipped galvanised | 3,00 | | 3,00 | | | 2,7 |
| | 4,00 | | 4,00 | 4,00 | 4,00 | 4,8 |
| Stainless steel 1.4301 AISI 304 | 3,00 | 3,00 | 3,00 | | | 2,7 |
| | 4,00 | 4,00 | 4,00 | | | 4,8 |
| Stainless steel 1.4404 AISI 316 L | | 3,00 | | | | 2,7 |
| | 4,00 | 4,00 | | | | 4,8 |
| Stainless steel 1.4571 AISI 316 Ti | | 3,00 | | | | 2,7 |
| | 4,00 | 4,00 | | | | 4,8 |

Welded mesh

Mesh opening 50x50 mm

Open area approx. 83 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | 3,00 | 3,00 | | 3,00 | 2,1 |
| | 4,00 | 4,00 | 4,00 | | 4,00 | 3,9 |
| | 5,00 | 5,00 | 5,00 | 5,00 | 5,00 | 6,1 |
| | 8,00 | | | | | 15,8 |
| Steel hot-dipped galvanised | | | | | 3,00 | 2,1 |
| | 4,00 | 4,00 | | | 4,00 | 3,9 |
| | | | 5,00 | | 5,00 | 6,1 |

Continued on page 106

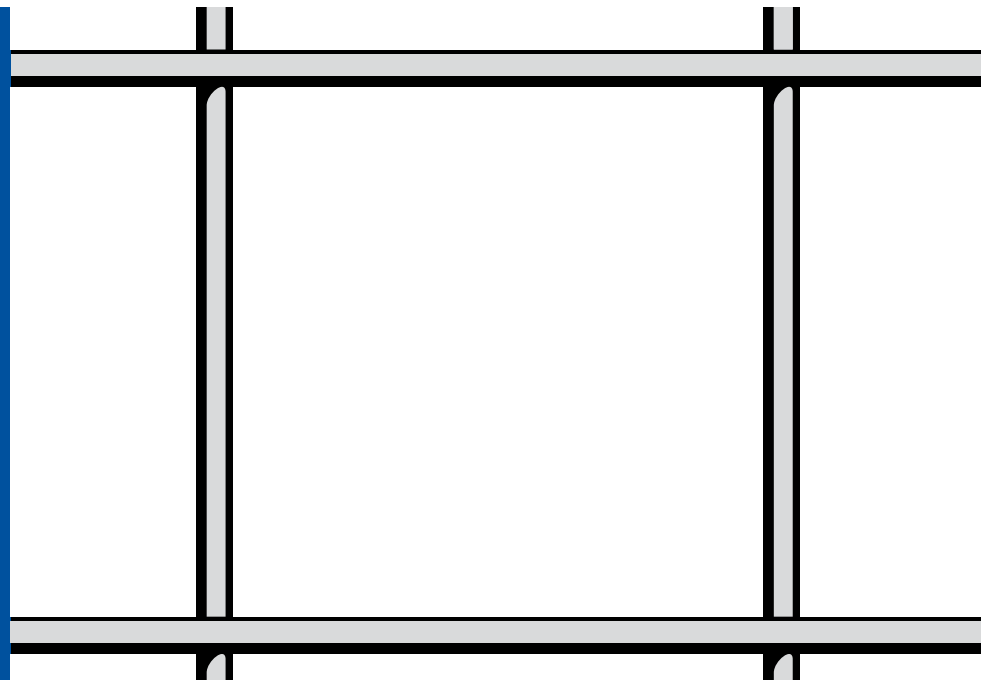
Welded mesh Mesh opening 50x50 mm

Continued from page 105

| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Stainless steel 1.4301 AISI 304 | 2,00 | 2,00 | | | | 0,9 |
| | 3,00 | 3,00 | 3,00 | | | 2,1 |
| | 4,00 | 4,00 | 4,00 | | | 3,9 |
| | 5,00 | 5,00 | 5,00 | | 5,00 | 6,1 |
| Stainless steel 1.4404 AISI 316 L | 2,00 | | | | | 0,9 |
| | 4,00 | 4,00 | | | | 3,9 |
| | 5,00 | | | | | 6,1 |
| Stainless steel 1.4571 AISI 316 Ti | 2,00 | | | | | 0,9 |
| | | | 3,00 | | | 2,1 |
| | 4,00 | 4,00 | | | | 3,9 |
| | 5,00 | | | | | 6,1 |

Welded mesh Mesh opening 75x75 mm

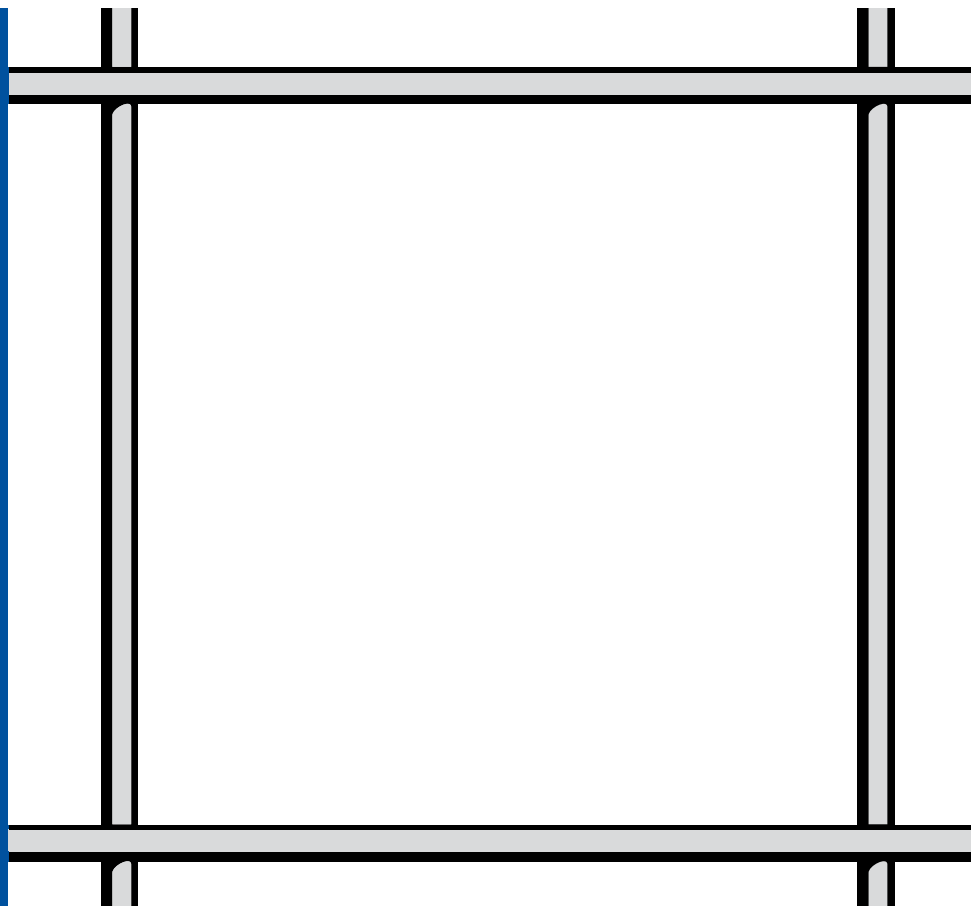
Open area
approx. 87 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | | 5,0 | | | | 4,1 |

Welded mesh
Mesh opening
100x100 mm

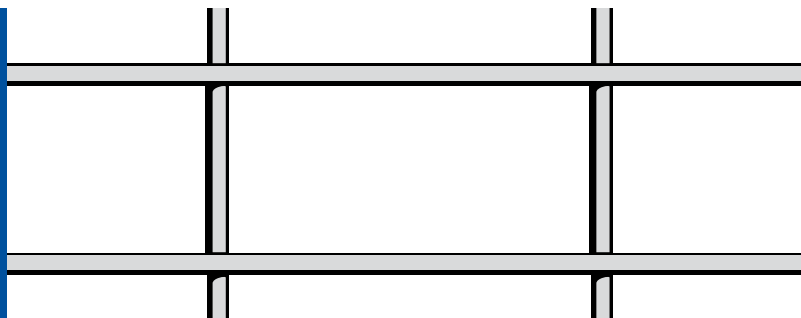
Open area
 approx. 91 %



Welded wire mesh

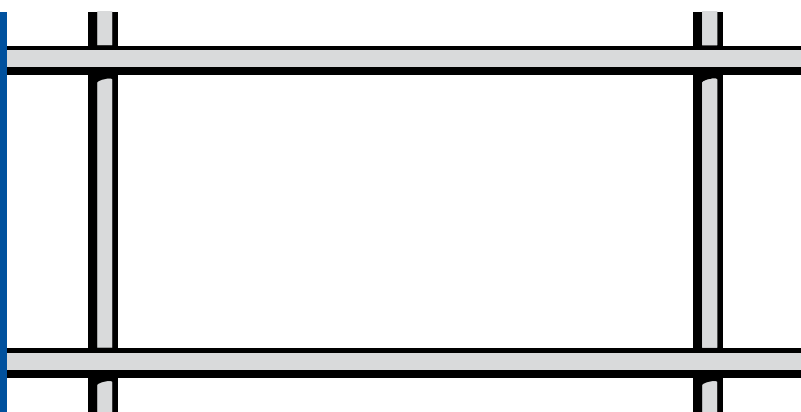
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 4,00 | 4,00 | | | 4,00 | 1,9 |
| | 5,00 | | | | 5,00 | 3,0 |
| | 6,00 | | | | | 4,4 |
| Steel hot-dipped galvanised | | | 4,00 | | | 1,9 |
| | | | | | 5,00 | 3,0 |
| Stainless steel 1.4301 AISI 304 | 3,00 | | | | | 1,1 |
| | 4,00 | | | | | 1,9 |
| | 5,00 | | | | | 3,0 |
| Stainless steel 1.4404 AISI 316 L | | 5,00 | | | | 3,0 |
| Stainless steel 1.4571 AISI 316 Ti | | 5,00 | | | | 3,0 |

**Welded mesh
RECTANGULAR**
Mesh opening 50x25 mm
Open area approx. 83 %



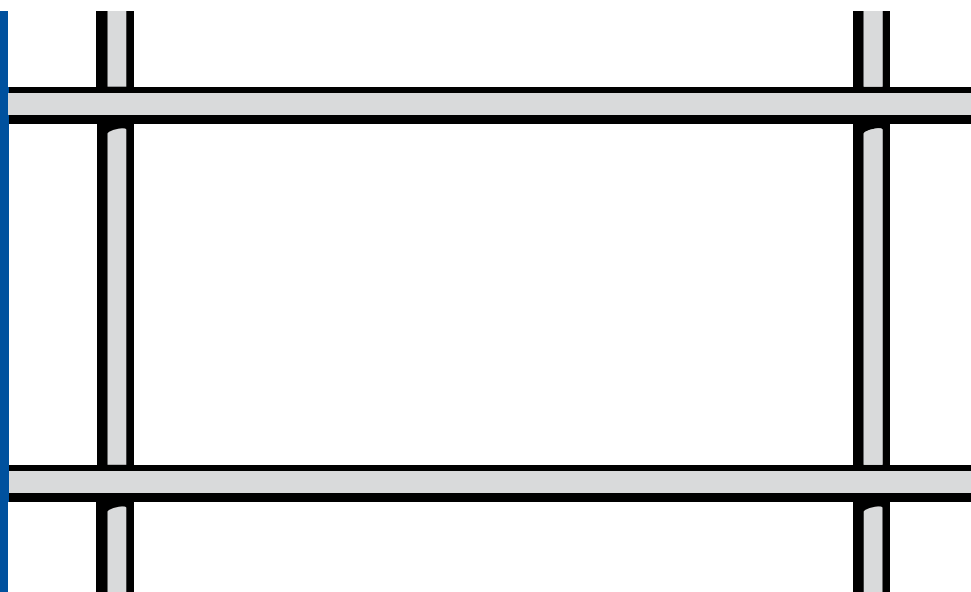
| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | | | | | 3,2 |

**Welded mesh
RECTANGULAR**
Mesh opening 80x40 mm
Open area approx. 86 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | | | | | 4,00 | 3,6 |

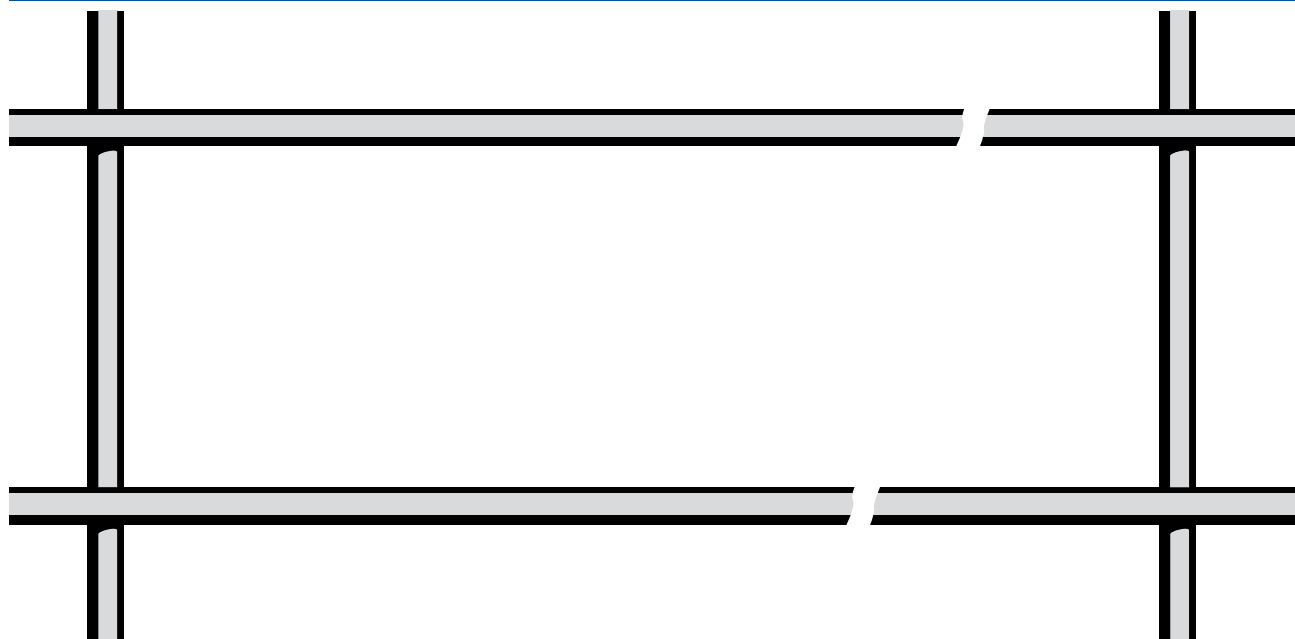
**Welded mesh
RECTANGULAR**
Mesh opening
100x50 mm
Open area
approx. 86 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | | 5,00 | | | 5,00 | 4,6 |
| Stainless steel 1.4301 AISI 304 | 5,00 | | | | | 4,6 |

Welded mesh RECTANGULAR
Mesh opening 200x50 mm
 Open area approx. 85 %

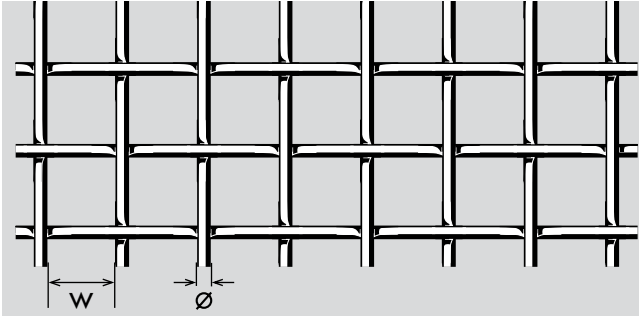
Welded wire mesh



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | 1000 x 3000 mm Wire-Ø in mm | 2000 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | | | | | 6,00 | 5,5 |

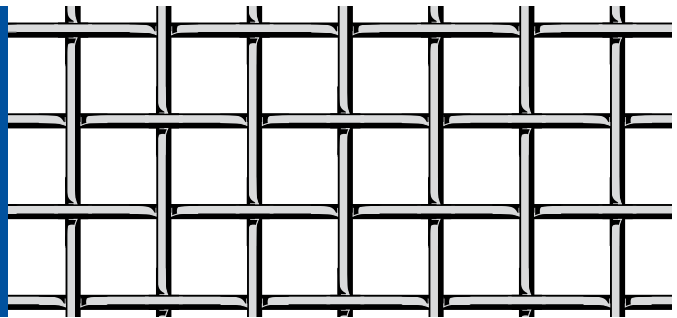
Crimped wire mesh flat

Crimped wire mesh flat



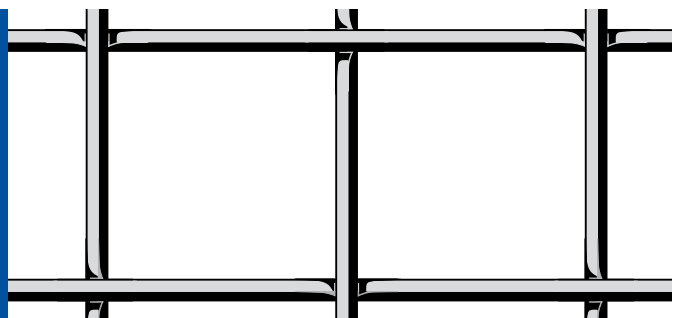
Mesh opening = Space between the two threads

Crimped wire mesh flat smooth on one side
Mesh opening 10x10 mm
 Open area approx. 69 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Galvanized steel | 2,00 | | | 4,2 |

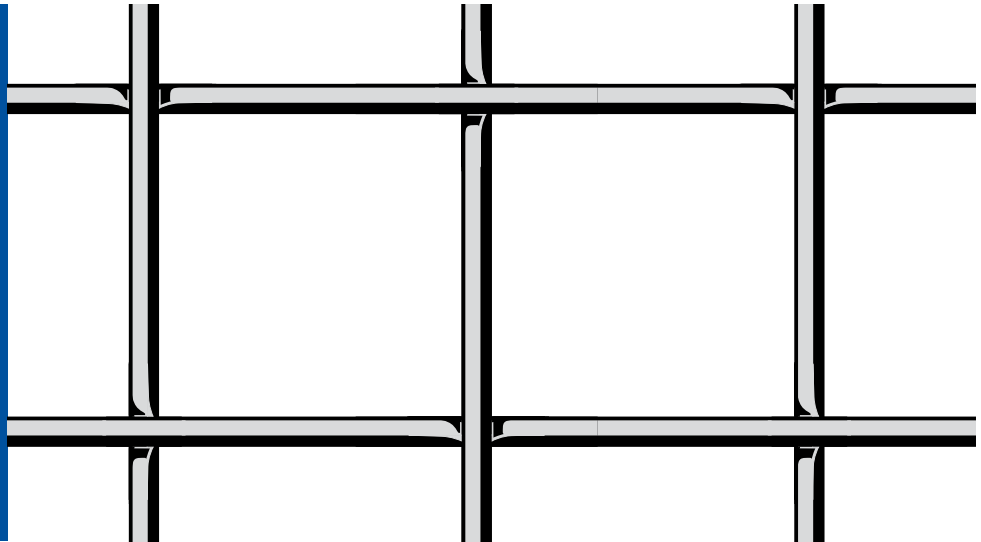
Crimped wire mesh flat smooth on one side
Mesh opening 30x30 mm
 Open area approx. 82 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 3,00 | | | 3,7 |
| Galvanized steel | 3,00 | | | 3,7 |
| Stainless steel 1.4301 AISI 304 | 3,00 | | | 3,7 |

Crimped wire mesh flat smooth on one side
Mesh opening 40x40 mm

Open area approx. 83 %

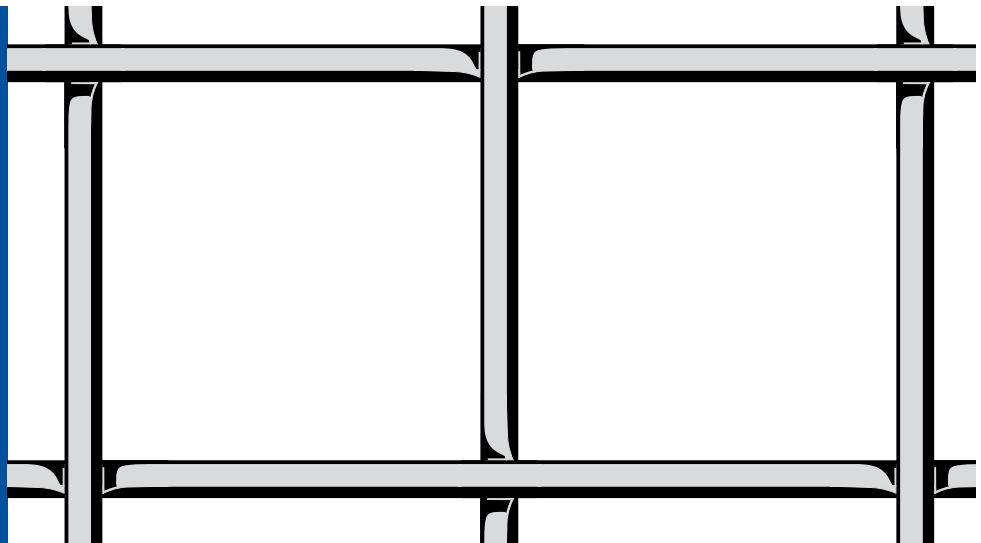


Crimped wire mesh flat

| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 4,00 | | | 4,7 |
| Galvanized steel | 4,00 | | | 4,7 |
| Stainless steel 1.4571 AISI 316 Ti | 4,00 | | | 4,7 |

Crimped wire mesh flat smooth on one side
Mesh opening 50x50 mm

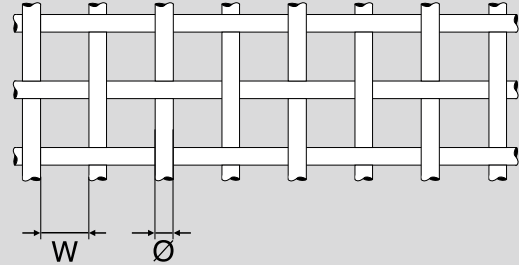
Open area approx. 82 %



| Material | 1000 x 2000 mm Wire-Ø in mm | 1250 x 2500 mm Wire-Ø in mm | 1500 x 3000 mm Wire-Ø in mm | Weight kg/m ² |
|------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| Steel | 5,00 | | | 5,8 |
| Galvanized steel | 5,00 | | | 5,8 |

Wire cloths and Wire mesh

Wire cloth on roll



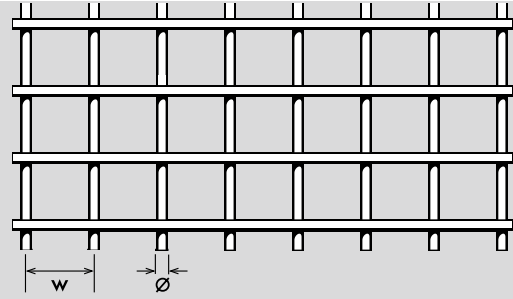
| Material | Mesh opening mm | Wire-Ø mm | Roll width mm | Open area approx. % | Weight kg/m ² |
|---------------------------------|-----------------|-----------|---------------|---------------------|--------------------------|
| Pre-galvanised steel | 0,315 | 0,20 | 1000 | 37,4 | 0,98 |
| | 0,40 | 0,25 | 1000 | 37,9 | 1,22 |
| | 0,55 | 0,30 | 1000 | 41,9 | 1,34 |
| Galvanized steel | 1,00 | 0,50 | 1000 | 44,4 | 2,11 |
| | 1,40 | 0,25 | 1000 | 72,0 | 0,48 |
| | 2,00 | 0,56 | 1000 | 61,0 | 1,56 |
| | 3,15 | 0,80 | 1000 | 64,0 | 2,06 |
| | 4,00 | 1,00 | 1000 | 64,0 | 2,50 |
| | 5,00 | 1,00 | 1000 | 69,4 | 2,11 |
| | 10,00 | 1,80 | 1000 | 72,0 | 3,49 |
| Stainless steel 1.4301 AISI 304 | 0,12 | 0,09 | 1220 | 34,0 | 0,48 |
| | 0,15 | 0,10 | 1000 | 36,0 | 0,50 |
| | 0,20 | 0,12 | 1000 | 39,0 | 0,57 |
| | 0,25 | 0,16 | 1000 | 37,2 | 0,79 |
| | 0,315 | 0,20 | 1000 | 37,0 | 0,98 |
| | 0,40 | 0,22 | 1000 | 42,0 | 0,99 |
| | 0,50 | 0,20 | 1000 | 51,0 | 0,72 |
| | 0,50 | 0,32 | 1000 | 37,0 | 1,58 |
| | 0,63 | 0,25 | 1000 | 51,0 | 0,90 |
| | 0,63 | 0,40 | 1000 | 37,4 | 1,97 |
| | 0,72 | 0,35 | 1000 | 45,0 | 1,45 |
| | 0,80 | 0,22 | 1300 | 61,5 | 0,46 |
| | 0,80 | 0,32 | 1000 | 51,0 | 1,16 |
| 0,87 | 0,40 | 1000 | 46,9 | 1,60 | |

The length of the roll is 30 meters can be cut by one meter.

| Material | Mesh opening mm | Wire-Ø mm | Roll width mm | Open area approx. % | Weight kg/m ² |
|-----------------------------------|-----------------|-----------|---------------|---------------------|--------------------------|
| Stainless steel 1.4301 AISI 304 | 1,00 | 0,36 | 1000 | 54,0 | 1,20 |
| | 1,00 | 0,40 | 1000 | 51,0 | 1,45 |
| | 1,00 | 0,50 | 1000 | 44,0 | 2,11 |
| | 1,00 | 0,60 | 1000 | 39,0 | 2,80 |
| | 1,40 | 0,25 | 1000 | 72,0 | 0,48 |
| | 1,60 | 0,50 | 1000 | 58,0 | 1,51 |
| | 1,60 | 1,00 | 1000 | 38,0 | 4,88 |
| | 1,80 | 0,80 | 1000 | 48,0 | 3,13 |
| | 2,00 | 0,56 | 1000 | 61,0 | 1,56 |
| | 2,00 | 1,00 | 1000 | 44,4 | 8,00 |
| | 2,50 | 0,70 | 1000 | 61,0 | 1,95 |
| | 3,00 | 1,00 | 1000 | 56,0 | 3,10 |
| | 3,00 | 1,20 | 1000 | 53,0 | 4,31 |
| | 3,15 | 0,80 | 1000 | 64,0 | 2,06 |
| | 4,00 | 1,00 | 1000 | 64,0 | 2,50 |
| | 4,00 | 2,00 | 1000 | 44,4 | 8,40 |
| | 5,00 | 1,00 | 1000 | 69,0 | 2,11 |
| | 5,00 | 1,50 | 1000 | 59,0 | 4,30 |
| | 5,00 | 2,00 | 1000 | 51,0 | 7,26 |
| | 5,20 | 1,20 | 1000 | 66,0 | 2,85 |
| 6,30 | 1,00 | 1000 | 74,5 | 1,74 | |
| 7,10 | 1,40 | 1000 | 69,8 | 2,92 | |
| 8,00 | 1,00 | 1000 | 79,0 | 1,41 | |
| 8,00 | 1,60 | 1000 | 69,0 | 3,38 | |
| 10,00 | 1,50 | 1000 | 75,6 | 2,48 | |
| 10,00 | 2,00 | 1000 | 69,4 | 4,23 | |
| 15,00 | 2,00 | 1000 | 77,9 | 2,99 | |
| 20,00 | 2,00 | 1000 | 82,6 | 2,31 | |
| 30,00 | 3,00 | 1000 | 82,6 | 3,46 | |
| Stainless steel 1.4404 AISI 316 L | 0,028 | 0,02 | 1000 | 28,0 | 0,17 |
| | 0,10 | 0,06 | 1220 | 36,7 | 0,26 |
| | 0,20 | 0,12 | 1000 | 39,0 | 0,57 |
| | 0,315 | 0,20 | 1000 | 37,0 | 0,99 |
| | 0,53 | 0,28 | 1300 | 42,8 | 0,95 |
| | 1,00 | 0,50 | 1000 | 44,0 | 2,12 |
| | 2,00 | 0,56 | 1000 | 61,0 | 1,56 |
| | 2,50 | 1,00 | 1000 | 51,0 | 3,63 |
| | 6,00 | 1,20 | 1000 | 69,4 | 2,54 |
| Brass MS 63 hh | 4,00 | 1,00 | 1000 | 64,0 | 2,54 |

The length of the roll is 30 meters can be cut by one meter.

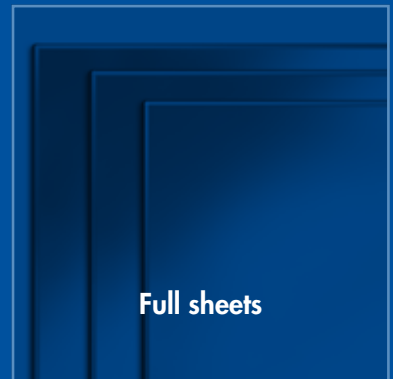
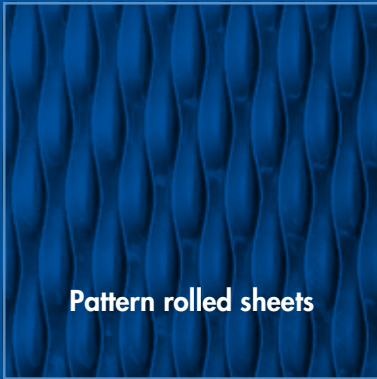
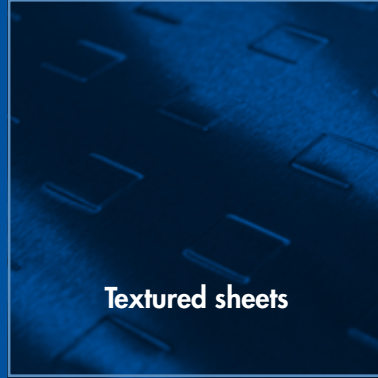
Wire mesh on roll



| Material | Mesh opening mm | Wire-Ø mm | Roll width mm | Open area approx. % | Weight kg/m ² |
|-----------------------------------|-----------------|-----------|---------------|---------------------|--------------------------|
| Pre-galvanised steel | 8,0 | 0,8 | 1000 | 82,0 | 0,92 |
| Stainless steel 1.4301 AISI 304 | 6,0 | 1,0 | 1000 | 73,0 | 1,80 |
| | 10,0 | 1,0 | 1000 | 82,6 | 1,15 |
| | 15,8 | 1,2 | 1200 | 86,4 | 1,07 |
| | 16,0 | 1,2 | 1200 | 86,0 | 1,06 |
| | 25,0 | 1,5 | 1000 | 89,0 | 1,07 |
| Stainless steel 1.4404 AISI 316 L | 10,0 | 1,0 | 1000 | 82,6 | 1,15 |

The length of the roll is 25 meters can be cut by one meter.

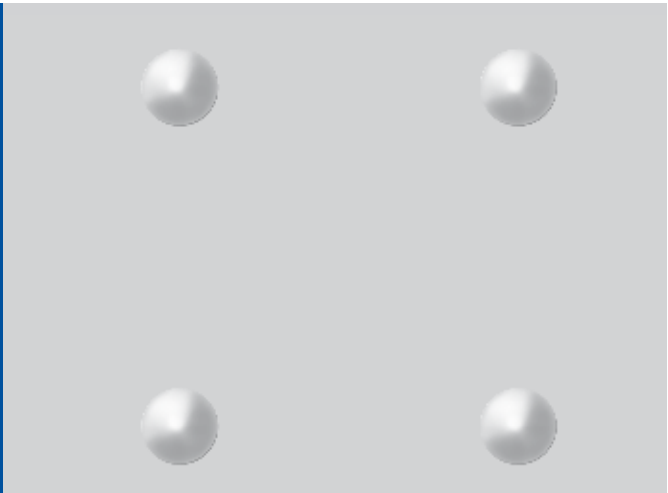
SHEETS



Textured sheets



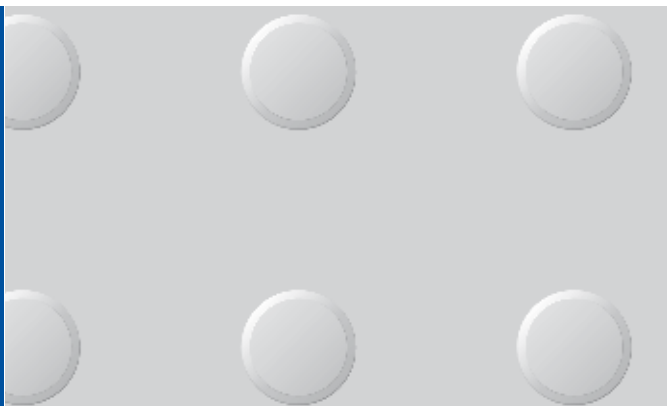
Textured sheet
Dimple embossing
Npg 10–45
 Embossing-depth ca. 3 mm



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 1,50 | | | 4,0 |

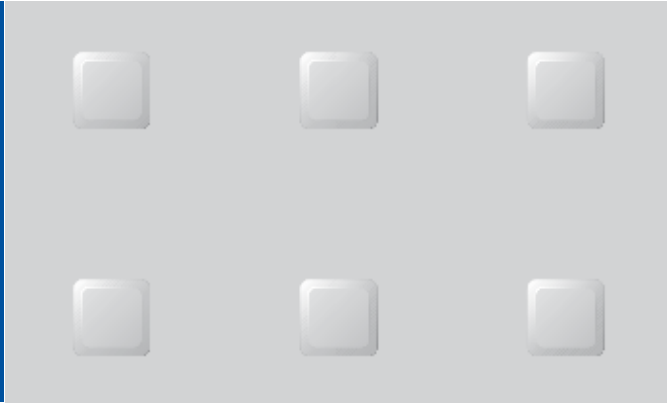
Textured sheet
Round embossing
Rsg 15–36,38
 Embossing-depth 0,3 mm



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | | 2,00 | | 3,5 |

Textured sheet
Square embossing
Qsg 10–30
 Embossing-depth 0,3 mm



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 2,00 | | | 5,4 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 12,0 |

Textured sheet
Square embossing
Qsg 15–40
 Embossing-depth 0,3 mm

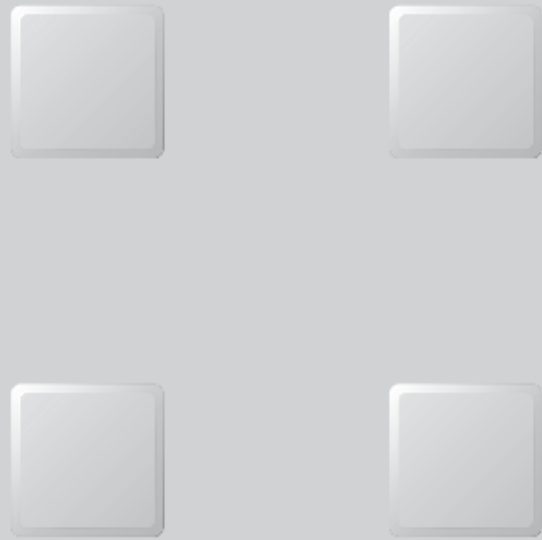


Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 2,00 | 2,00 | | 5,4 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | | | 12,0 |

Textured sheets

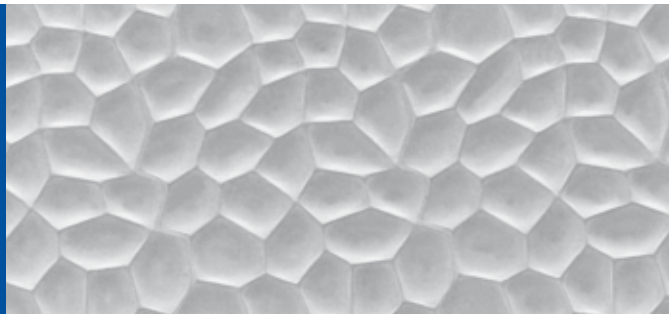
Textured sheet
Square embossing
Qsg 20-50
 Embossing-depth 0,3 mm



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium with protective film on one side | 2,00 | 2,00 | 2,00 | 5,4 |
| Stainless steel 1.4301 AISI 304 on one side grain 240 | 1,50 | 1,50 | | 12,0 |

Textured sheet decorative 700



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,00 | | | 8,0 |

Textured sheet decorative 701



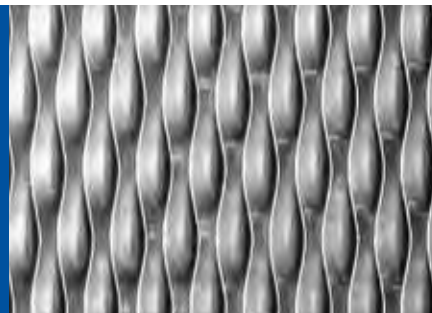
Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Steel | 1,50 | | | 12,0 |
| | 2,00 | | | 16,0 |

Pattern rolled sheets

Pattern rolled sheet Decor 5 WL

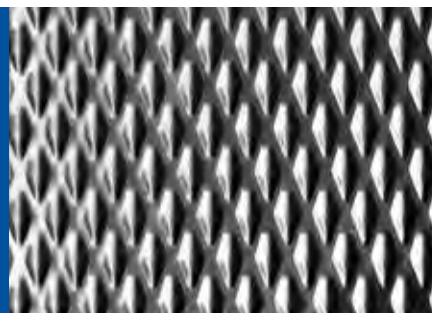
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 brushed | 1,00 | 1,00 | | 8,0 |
| | 1,50 | 1,50 | 1,50 | 12,0 |
| | 2,00 | | | 16,0 |

Pattern rolled sheet Decor 7 WL

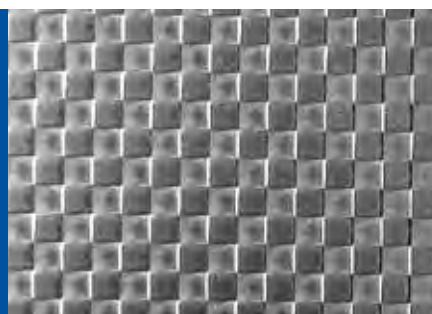
Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 brushed with foil 2 R | 1,50 | 1,50 | | 12,0 |

Pattern rolled sheet Decor square

Scale 1:1



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 brushed with foil 2 R | | 1,50 | | 12,0 |

Pattern rolled sheet Decor circle marbred



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 brushed with foil | | 1,50 | | 12,0 |

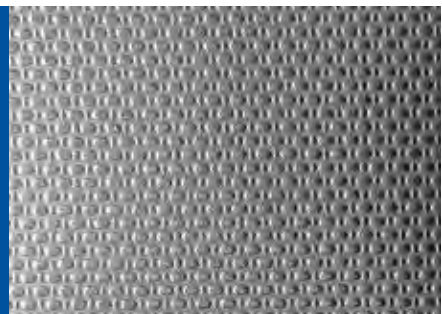
Pattern rolled sheet Decor leather



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 brushed with foil 2 R | | 1,50 | | 12,0 |

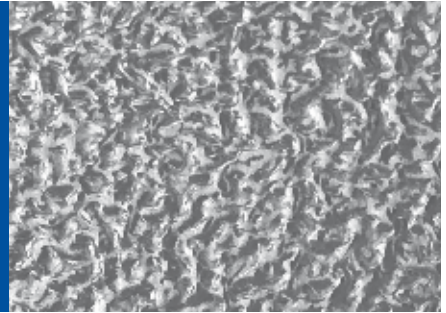
Pattern rolled sheet Decor linen



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|--|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 brushed with foil 2 R | | 1,00 | | 8,0 |
| | | 1,50 | | 12,0 |

Pattern rolled sheet Decor Strucco



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium AL99,5 | 1,00 | | | 2,8 |

Tear plates



Tear plate Mandorla



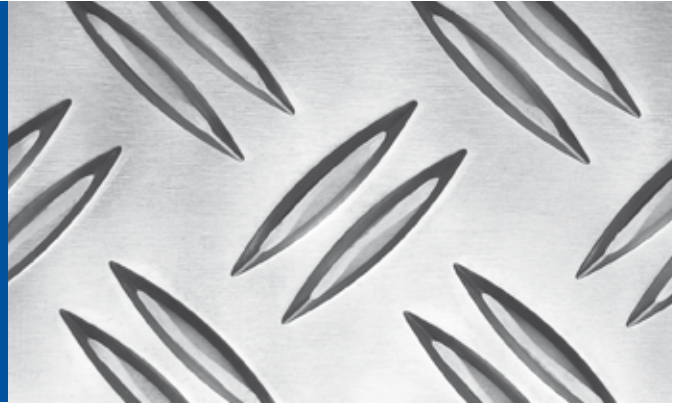
Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 304 | 3,0/4,5 | 3,0/4,5 | | 26,5 |
| | 4,0/5,5 | | 4,0/5,5 | 35,0 |
| | 5,0/6,5 | 5,0/6,5 | 5,0/6,5 | 44,0 |
| Stainless steel 1.4404 AISI 316 L | 3,0/4,5 | | | 26,5 |
| | 4,0/5,5 | | | 36,5 |

Chequer plates



Chequer plate Duo (2 warts)



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium ALMG3 | 2,5/4,0 | 2,5/4,0 | | 8,0 |
| | 3,5/5,0 | 3,5/5,0 | | 10,4 |

Chequer plate Quintet (5 warts)



Scale 1:1

| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Aluminium ALMG3 | 2,0/3,5 | 2,0/3,5 | | 6,8 |
| | 2,5/4,0 | | | 8,4 |
| | 3,5/5,0 | | | 10,8 |
| | 5,0/6,5 | 5,0/6,5 | | 14,5 |

Full sheets

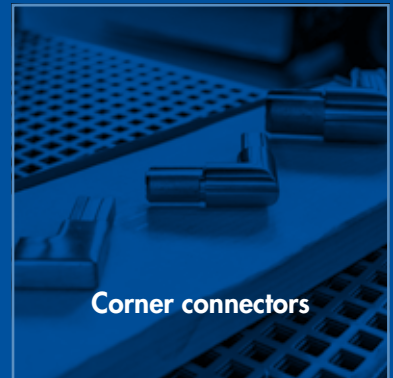
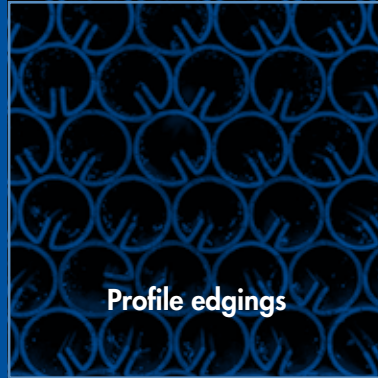
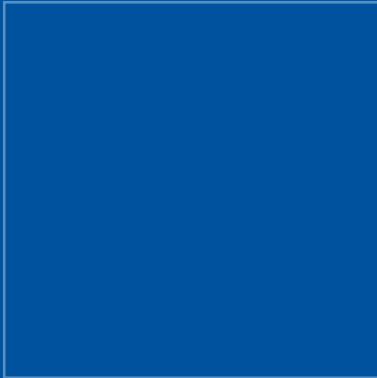


Full sheet



| Material | 1000 x 2000 mm Thickness in mm | 1250 x 2500 mm Thickness in mm | 1500 x 3000 mm Thickness in mm | Weight kg/m ² |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Stainless steel 1.4301 AISI 304 | 1,00 | | | 8,0 |
| | 1,50 | | | 12,0 |
| | 2,00 | | | 16,0 |

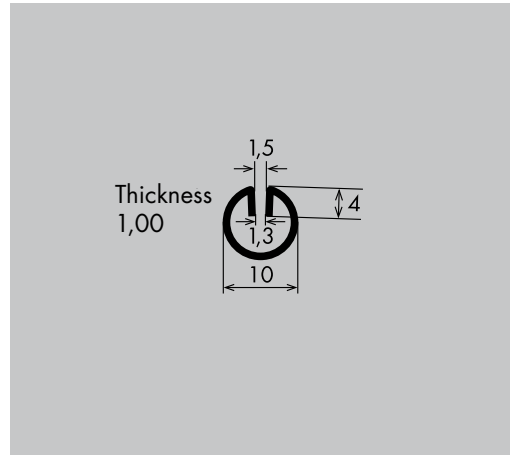
ACCESSORIES



Profile edgings and Corner connectors

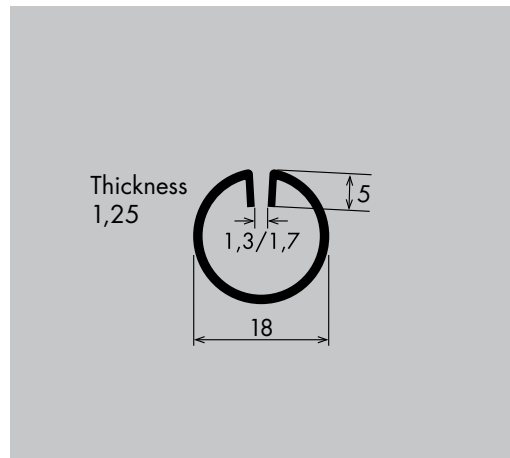
Round profile R 10 Scale 1:1

| Material | Slot width in mm | Length in mm |
|--|------------------|--------------|
| Stainless steel 1.4301 AISI 304 polished grain 240 | 1,3 | 3000 |



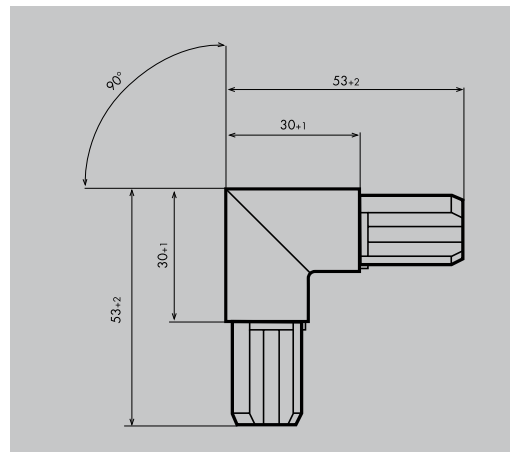
Round profile R 18 Scale 1:1

| Material | Slot width in mm | Length in mm |
|--|------------------|--------------|
| Steel | 1,7 | 3000 |
| Galvanized steel | 1,7 | 3000 |
| Aluminium | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 polished grain 240 | 1,3 | 3000 |
| | 1,7 | 3000 |



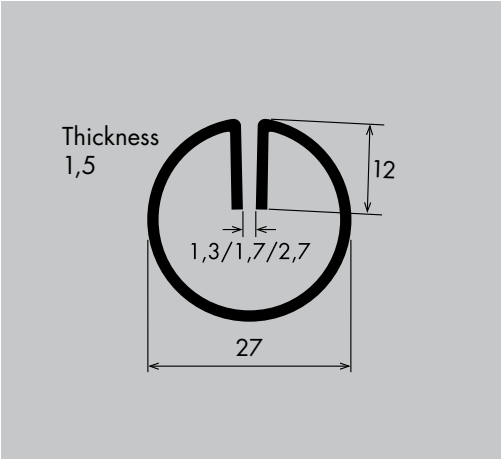
Corner connectors 90° for Round profile R 18

| Material |
|--|
| Stainless steel alloy polished 320 grain |



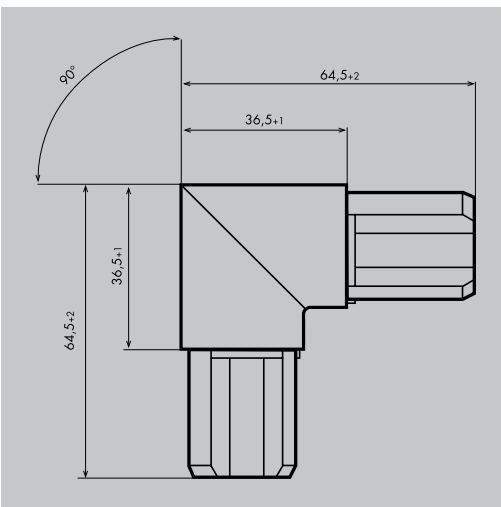
Round profile R 27 Scale 1:1

| Material | Slot width in mm | Length in mm |
|--|------------------|--------------|
| Steel | 1,7 | 3000 |
| | 2,7 | 3000 |
| Galvanized steel | 1,7 | 3000 |
| Aluminium | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 polished grain 240 | 1,3 | 3000 |
| | 1,7 | 3000 |



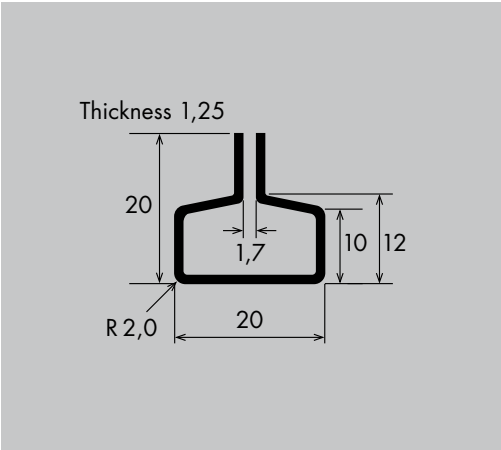
Corner connectors 90° for Round profile R 27

| Material |
|--|
| Stainless steel alloy polished 320 grain |



T-Profile T 20/20 Scale 1:1

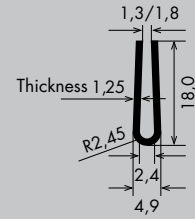
| Material | Slot width in mm | Length in mm |
|---------------------------------|------------------|--------------|
| Steel | 1,7 | 3000 |
| Galvanized steel | 1,7 | 3000 |
| Aluminium | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 | 1,7 | 3000 |



U-Profile

Scale 1:1

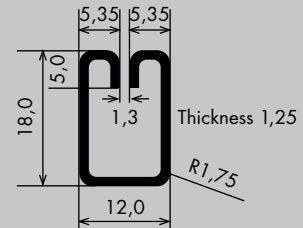
| Material | Slot width in mm | Length in mm |
|---------------------------------|------------------|--------------|
| Galvanized steel | 1,3 | 3000 |
| | 1,8 | 3000 |
| Stainless steel 1.4301 AISI 304 | 1,3 | 3000 |



Rectangular profile E 12/18

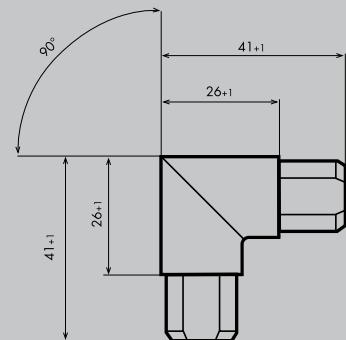
Scale 1:1

| Material | Slot width in mm | Length in mm |
|--|------------------|--------------|
| Steel | 1,3 | 3000 |
| Galvanized steel | 1,3 | 3000 |
| Aluminium | 1,3 | 3000 |
| Stainless steel 1.4301 AISI 304 polished grain 240 | 1,3 | 3000 |



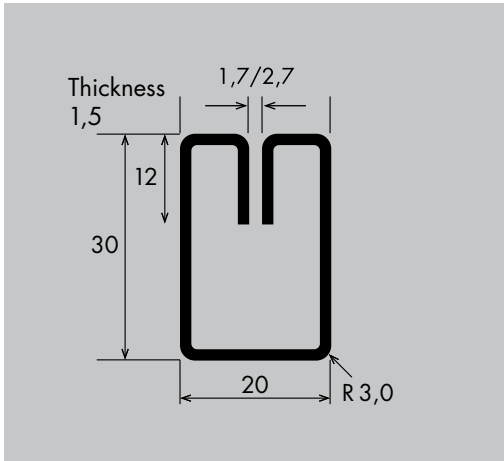
Corner connectors 90° for Rectangular-Profile E 12/18

| Material |
|--|
| Stainless steel alloy polished 320 grain |



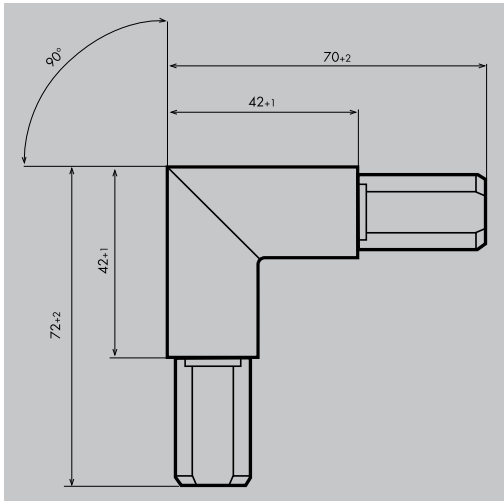
Rectangular profile E 20/30 Scale 1:1

| Material | Slot width in mm | Length in mm |
|--|------------------|--------------|
| Steel | 1,7 | 3000 |
| | 2,7 | 3000 |
| Galvanized steel | 1,7 | 3000 |
| | 2,7 | 3000 |
| Aluminium | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 | 1,7 | 3000 |
| Stainless steel 1.4301 AISI 304 polished grain 240 | 1,7 | 3000 |



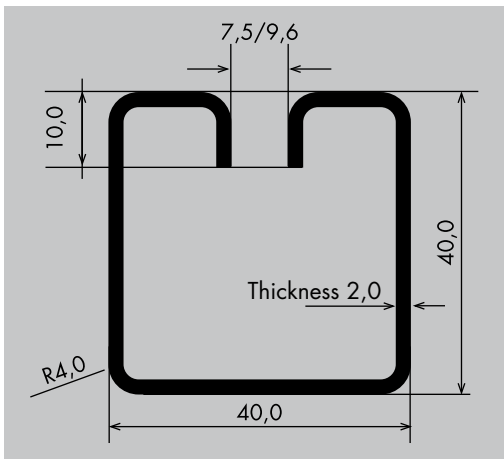
Corner connectors 90° for Rectangular-Profile E 20/30

| Material |
|--|
| Stainless steel alloy polished 320 grain |



Square profile 30/30 Scale 1:1

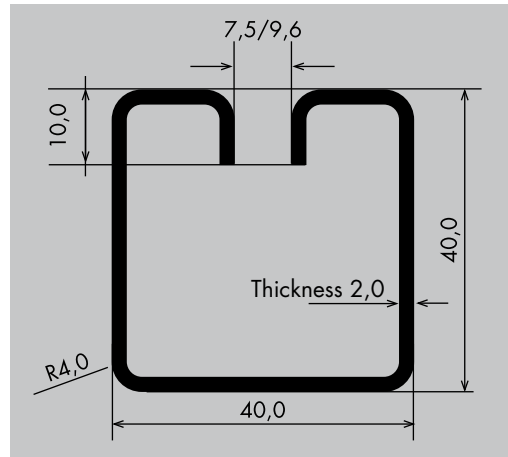
| Material | Slot width in mm | Length in mm |
|---------------------------------|------------------|--------------|
| Steel | 5,7 | 3000 |
| | 7,5 | 3000 |
| Galvanized steel | 5,7 | 3000 |
| | 7,5 | 3000 |
| Stainless steel 1.4301 AISI 304 | 5,7 | 3000 |
| | 7,5 | 3000 |



Square profile 40/40

Scale 1:1

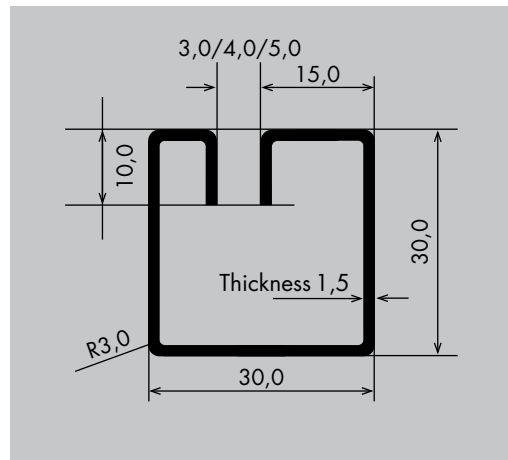
| Material | Slot width in mm | Length in mm |
|----------|------------------|--------------|
| Steel | 7,5 | 3000 |
| | 9,6 | 3000 |

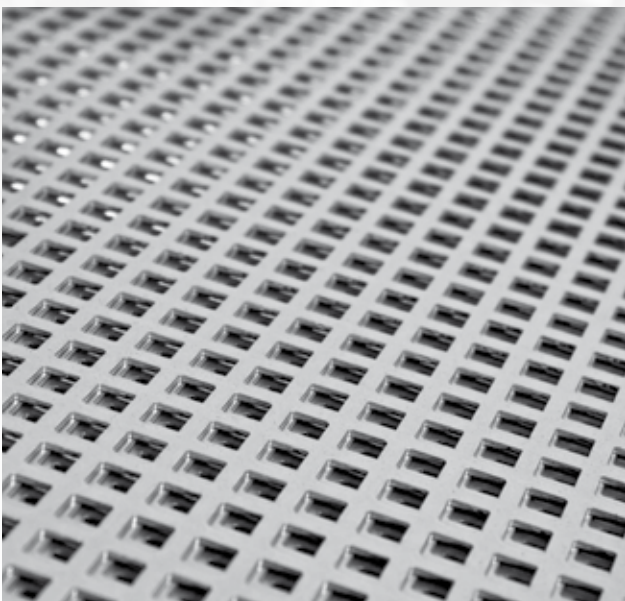
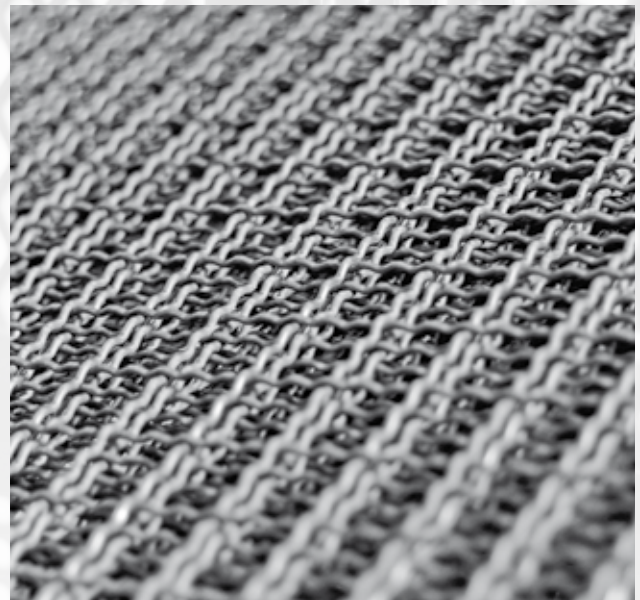
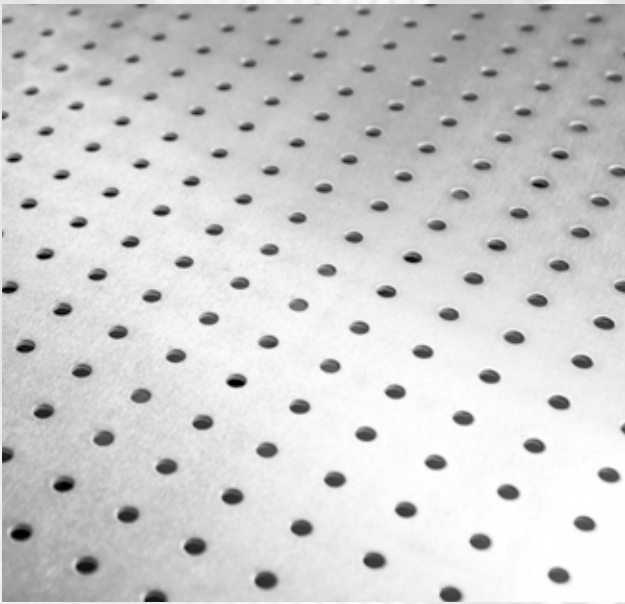


GEV-Profile 30/30

Scale 1:1

| Material | Slot width in mm | Length in mm |
|---------------------------------|------------------|--------------|
| Steel | 3,0 | 3000 |
| | 4,0 | 3000 |
| | 5,0 | 3000 |
| Galvanized steel | 4,0 | 3000 |
| Stainless steel 1.4301 AISI 304 | 3,0 | 3000 |
| | 4,0 | 3000 |
| | 5,0 | 3000 |







Perforated sheets
Grid
Sheets
Accessories

40
YEARS

JAERA



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