

Double-stranded hexagonal netting

TU¹⁾ 14-178-351-98



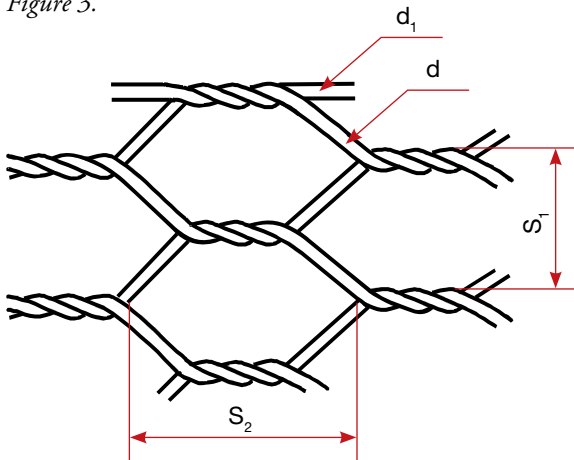
Application area:

The netting is suitable for netting constructions and fencing manufacture.

The nettings are classified according to the wire coating used:

- without coating;
- zinc-coated wire, coating group 1 – 01;
- zinc-coated wire, coating group 2 – 02;
- zinc-coated wire, coating group 3 – 03;
- zinc-coated wire with polymeric coating – 01P, 02P, 03P.

Figure 3.



Netting description is given in Table 3; mechanical properties, zinc coating density and polymeric coating thickness are given in Table 4 on the next page.

Clarification of netting naming structure:

Netting with a mesh dimension of 80×100 mm made from a wire without coating of a diameter of 2.2 mm and a breadth of 3000 mm to TU 17-178-351-98:

Netting 8×10-2.2-3000 TU 14-178-351-98

Netting with a mesh dimension of 80×100 mm made from a zinc-coated wire of the 1st class of coating of a diameter of 2.2 mm and a breadth of 3000 mm to TU 17-178-351-98:

Netting 8×10-2.2-01-3000 TU 14-178-351-98

Netting with a mesh dimension of 80×100 mm made from a zinc-coated polymeric wire of the 1st class of coating of a diameter of 2.2 mm and a breadth of 3000 mm to TU 17-178-351-98:

Netting 8×10-2.2/3.2-01P-3000 TU 14-178-351-98

Netting description

Table 3.

| Netting type | Diameter of wire, mm | | Mesh size S ₁ , mm | S ₂ , mm | Cloth breadth, B, mm | Weight of 1 m², kg |
|--------------|----------------------|----------------------|----------------------------------|------------------------|-------------------------|-----------------------|
| | Netting, d | Edge, d ₁ | | | | |
| 8×10–2.0 | 2.00 | 2.40 | 80.0 | 100 | 230–4000 | 0.839 |
| 8×10–2.0 | | 2.50 | | | | |
| 8×10–2.2 | 2.20 | 2.70 | | | | 1.028 |
| 8×10–2.2 | | 2.80 | | | | |
| 8×10–2.4 | 2.40 | 3.00 | | | | 1.232 |
| 8×10–2.5 | 2.50 | | | | | 1.342 |
| 8×10–2.7 | 2.70 | 3.40 | | | | 1.500 |
| 8×10–2.8 | 2.80 | 3.90 | | | | 1.697 |
| 8×10–3.0 | 3.00 | | | | | 1.958 |
| 8×10–2.7/3.7 | 2.70 | 3.40 | | | | 1.666 |

Netting mechanical properties

Table 4.

| Nominal diameter of the resulting wire, mm | Tolerance on diameter, mm | Tensile strength, N/mm ² | Elongation, %, not less than | Zinc coating density, g/m ² , not less than | | | Spiral winding, shank diameter (number of turns) |
|---|---------------------------------|---|------------------------------------|--|-----|-----|--|
| | | | | 01 | 02 | 03 | |
| 2.0 | ±0,06 | | | 50 | 90 | 240 | |
| 2.2 | | | | | | | |
| 2.4 | | | | 60 | 100 | | |
| 2.5 | | 350–550 | 12 | | | 260 | 5d (6) |
| 2.7 | | | | | | | |
| 2.8 | ±0,08 | | | | | | |
| 3.0 | | | | 70 | 110 | 275 | |
| 3.4 | ±0,10 | | | | | | |
| 3.9 | | | | 80 | 120 | 290 | |

The netting is manufactured in rolls. The length of the netting roll must be within a range of 25 – 100 m. Nettings manufacture of shorter length and in carts is possible on the customer's demand.

The weight of one netting roll should not exceed 1000 kg.