

Nickel Woven Mesh

Based on the chemical and physical properties of nickel wire, nickel woven mesh has good electrical conductivity, corrosion resistance and acid-base resistance accordingly.

It is suitable for gas, liquid filtration and other media separation under strong acid and alkaline conditions. It is also widely used in various renewable new energy industries such as hydrogen production, chlor-alkali and fuel cells.



SPECIFICATIONS

Material: N6/Nickel200/N02200

Wire diameter: 0.15–0.25 mm

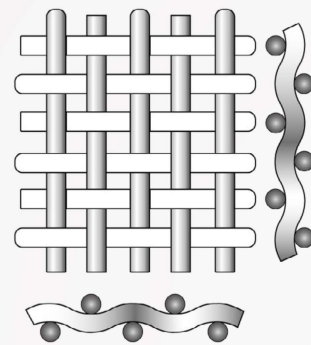
Mesh count: 36–60

Material: N6/Nickel200/N02200

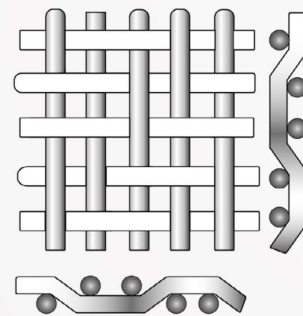
Standard: ASTM B162

Width: 700–2000 mm

| Mesh Size (mm) | Wire Diameter (mm) | Mesh Count | Width (mm) | Weave Type |
|----------------|--------------------|------------|------------|----------------------------|
| 0.485 | 0.15 | 40 | 700–2000 | Square opening plain weave |
| 0.546 | 0.16 | 36 | 700–2000 | Square opening plain weave |
| 0.491 | 0.16 | 39 | 700–2000 | Square opening plain weave |
| 0.475 | 0.16 | 40 | 700–2000 | Square opening plain weave |
| 0.455 | 0.18 | 40 | 700–2000 | Square opening plain weave |
| 0.445 | 0.19 | 40 | 700–2000 | Square opening plain weave |
| 0.362 | 0.19 | 46 | 700–2000 | Square opening plain weave |
| 0.173 | 0.25 | 60 | 700–2000 | Square opening twill weave |
| 0.385 | 0.25 | 40 | 700–2000 | Square opening twill weave |



Square opening plain weave



Square opening twill weave

MANUFACTURING & TEST STANDARD

ASTM B612 Standard Specification for Nickel Plate, Sheet, and Strip