



stainless Steel Twill Weave Wire Mesh

stainless steel twill weave wire mesh has the processing that each weft wire passes over and under two warp wires and vice versa, forming a beautiful appearance. In cases where increased wire thickness is required in relation to the aperture size, which yield in the weaving process cannot withstand, this kind of weave is chosen. At least two wires are woven in pairs, subsequently displacing a single wire. The stability of the mesh is controlled by the combination of aperture size and line strength, and shows a slight diagonal trend. Using modern weaving technology, excellent weaving stability can be achieved.

Specifications of twill weave stainless steel wire mesh:

- **Materials:** 302, 304, 304L, 310, 316, 316L, 321, 410, 410L, 430, 904L, super duplex stainless steel, duplex stainless steel or customized.
- 304 stainless steel: Most common stainless alloy used in wire weaving. Excellent corrosion properties and can withstand temperatures of 1100 Degrees F.
- 304L stainless steel: Similar properties as 304ss but lower carbon content to permit better welding.
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- 316 stainless steel: Similar properties to 304ss but is stabilized by the addition of Molybdenum for increased resistance to chemical corrosion.
- 316L stainless steel: Similar properties as 316ss but lower carbon content to permit better welding.
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- **Width:** 0.5–1.5 m.
- **Roll length:** 30 m a roll or could customized.
- **Surface treatment:** pickling and passivation, polishing.
- **Packing:**
 - Rolls wrapped with craft paper and then put into carton or on pallet;
 - Sheets in wooden boxes or on pallets.



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Stainless steel woven wire mesh mainly used for the filtration and screening of gas, liquid and solid, the separation of media and so on.

Specifications of Stainless Steel Twill Dutch Wire Mesh

Weft x Warp (inch)	Aperture Size (μm)	Available Area (%)	Thickness (mm)
20 x 270	119	17.6	0.65
20 x 200	118	12.1	0.915
24 x 300	110	19.6	0.64
20 x 150	101	7.5	1.16
30 x 340	89	17.9	0.60
30 x 270	77	11.2	0.68
40 x 540	70	23.5	0.38
40 x 430	63	15.4	0.43
50 x 600	51	17.2	0.305
50 x 500	47	12	0.364
65 x 600	36	12	0.32
70 x 600	31	10.1	0.32
78 x 760	31	13.5	0.254
78 x 680	29	10.3	0.272
80 x 680	28	9.8	0.272
90 x 850	26	12.7	0.226
90 x 760	24	9.6	0.242

- (客户提供一下 specification)

Twill weave stainless steel wire mesh features:

- Superior corrosion and abrasion resistance;
- Can resist to rust and bad weather;
- High filter precision;
- Durable and high strength;
- Beautiful appearance.

Twill weave stainless steel wire mesh applications:

stainless steel twill weave wire mesh has corrosion resistance and high temperature resistance. It can be made into filter or sieve element, and plays an important role in chemical, oil, mining, food processing industries.

- Serve as filter or sieve;
- Play a role in coal, glass, petroleum, textile, metallurgy industries;
- Made into decoration mesh.

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