

QUOTATION SHEET

Contact person: Sarah Zhou

Products Detail

Stainless Steel Welded Wire Mesh

According to the difference of material, stainless steel welded wire mesh could be classified as the following types:

302 Stainless Steel: Low grade stainless steel alloy, very economical cost and produced as a standard stainless grade.

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.

310 Stainless Steel: A high temperature nickel alloy that has excellent corrosion properties. Can withstand high operating temperatures up to 1800 degrees F for extended time periods.

316ss 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.

317L Stainless Steel: Increased corrosion resistance compared to 316ss. L grade allows better welding.

321 Stainless Steel: Similar to 304ss and can handle high operating temperatures. Has the addition of titanium.

330 Stainless Steel: This alloy can handle operating temperatures up to 1650 Degrees F. Common applications include heat treating fixtures & baskets.

347 Stainless Steel: Has similar properties of 304ss but has the additions of Columbium for stability in high operation temperatures.

410 Stainless Steel: Has very good resistance to corrosion & oxidation.

430 Stainless Steel: Has magnetic properties similar to carbon steel but with much higher corrosion resistance. Commonly used in the food processing industry.

Stainless steel welded wire mesh can last long for the corrosion resistance compared to galvanized welded wire meshes. There is no need with surface treatment, it itself has the feature of corrosion resistance. Welded steel wire mesh is ideal for mining, filtration, transportation and so on.

Stainless steel welded wire mesh specification:

Stainless Steel Welded Wire Mesh:		
Opening		Wire Diameter <BWG>
In inch	In metric unit (mm)	
1/4" × 1/4"	6.4mm × 6.4mm	22, 23, 24
3/8" × 3/8"	10.6mm × 10.6mm	19, 20, 21, 22
1/2" × 1/2"	12.7mm × 12.7mm	16, 17, 18, 19, 20, 21, 22, 23
5/8" × 5/8"	16mm × 16mm	18, 19, 20, 21,
3/4" × 3/4"	19.1mm × 19.1mm	16, 17, 18, 19, 20, 21
1" × 1/2"	25.4mm × 12.7mm	16, 17, 18, 19, 20, 21
1-1/2" × 1-1/2"	38mm × 38mm	14, 15, 16, 17, 18, 19
1" × 2"	25.4mm × 50.8mm	14, 15, 16
2" × 2"	50.8mm × 50.8mm	12, 13, 14, 15, 16

Stainless steel welded wire mesh applications: Construction, buildings, agriculture, industry and so on.

