

STAINLESS STEEL WIRE MESH

Stainless Steel Wire Mesh can be divided into Stainless Steel Wire Mesh Square Opening and Stainless Steel Wire Mesh Dutch Weave according to weaving types, while Square Opening Stainless Steel Wire Mesh can be further divided into square wire mesh plain weave and square wire mesh twill weave.

Stainless steel :Stainless steel is selected for their wear-resisting, heat-resisting, acid-resisting and corrosion resisting characteristics. Many different grades of stainless are used in wire cloth.T304 is the most common, but others are used in specific applications to take advantage of each grade's unique properties. The wire mesh made of stainless steel is extensively used in mining , chemical industry, food industry and pharmaceutical industry. Our stainless steel wire mesh products are generally made of stainless steel Type 302,304,304L,316,316L,321 and 430 etc.

Weaving Types:Plain Weave Stainless Steel Wire Mesh, Twilled Woven Stainless Steel Wire Mesh, Dutch Plain Woven Stainless Steel Wire Mesh, Dutch Twilled Woven Stainless Steel Wire Mesh, Reverse Dutch Weave Stainless Steel Wire Mesh

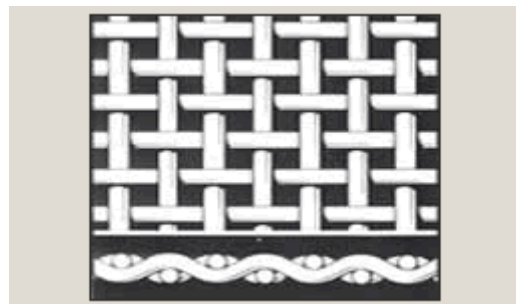
Technical Note:

Standard width of *stainless steel wire mesh*: 1m or 48"; **stainless steel wire mesh** with extra roll width of 6m also available.

Standard roll length of **stainless steel wire mesh**: 30m or 100'.

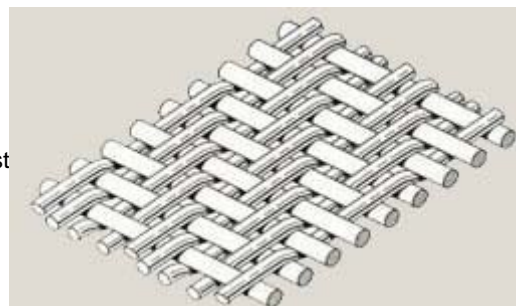
Plain Weave Description:

Plain Weave is a kind of commonly used weaving method.The warp wire that establish the length of the wire mesh and the weft wire, parallel to the width, cross one another, alternating one on the top and one under, forming a 90° angle between each other. Solid woven wire mesh may have a square or rectangular opening.



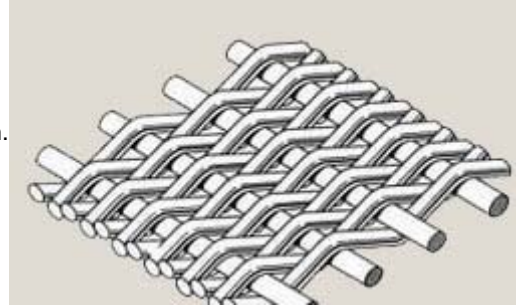
Twill Weave Description:

In the **Twilled Woven** Wire Mesh, the wires of the weft and the warp intercross two above and two below, inverting the intersections of the warp wire at an established distance, obtaining a rigid, stable and robust type of wire mesh fabric. Crossed twilled wire mesh are basic components in the production of filters, colanders for aliments, chemicals products, shielding, mosquito nets, etc.



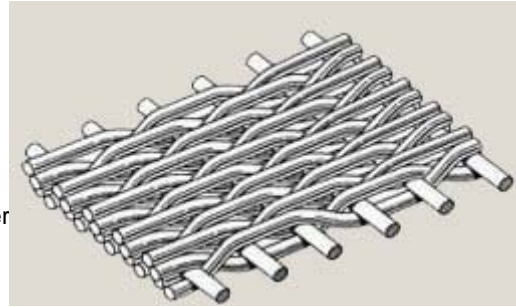
Dutch Plain Weave Description:

Wire Mesh Plain Dutch Weave is primarily used as a filter cloth. The openings slant diagonally through the cloth and cannot be seen by looking directly at the cloth. This kind of woven wire mesh has a coarser mesh and wire in the warp direction and a finer mesh and wire in the shute direction, giving a very compact, firm mesh with great strength.



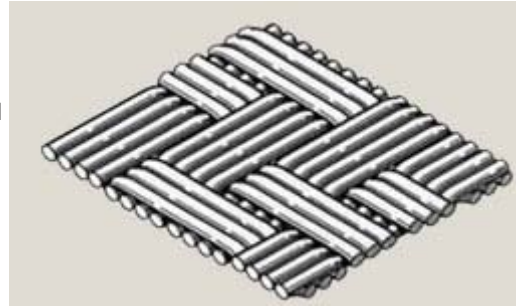
Dutch Twilled Woven Wire Mesh:

In Dutch Twilled Weave Wire Mesh, the wire of the weft and the warp intercross two above, with a larger weft wire than the warp. This kind of wire mesh allows a greater difference between the diameter and the number of weft and warp wire, reducing the mesh opening.



We also supply Five Heddle Weave wire cloth:

Use: Stainless Steel Dutch Woven Wire Cloth is utilized as filter fittings for chemical industry, medicine, petroleum, telecom-communication, scientific research units and so on.



Stainless Steel Wire Cloth (Plain Dutch Weave)				
Mesh		Wire Diameter (d)		Aperture
Vertical	Horizontal	Vertical	Horizontal	Microns
12	64	0.62	0.42	270-290
14	80	0.50	0.30	220-240
24	110	0.38	0.25	115-125
30	160	0.23	0.18	95-100
40	200	0.18	0.14	70-75
50	250	0.14	0.11	60-63
Stainless Steel Wire Cloth (Twill Dutch Weave)				
Mesh		Wire Diameter (d)		Aperture
Vertical	Horizontal	Vertical	Horizontal	Microns
20	250	0.25	0.23	110-120
32	360	0.23	0.15	100-110
40	400	0.18	0.14	90-110
50	500	0.14	0.11	70-90
50	600	0.14	0.09	60-70
80	800	0.12	0.07	45-65

165	800	0.07	0.05	24-26
120	1000	0.08	0.055	27-28
165	1450	0.07	0.04	16-18
325	2300	0.038	0.025	