

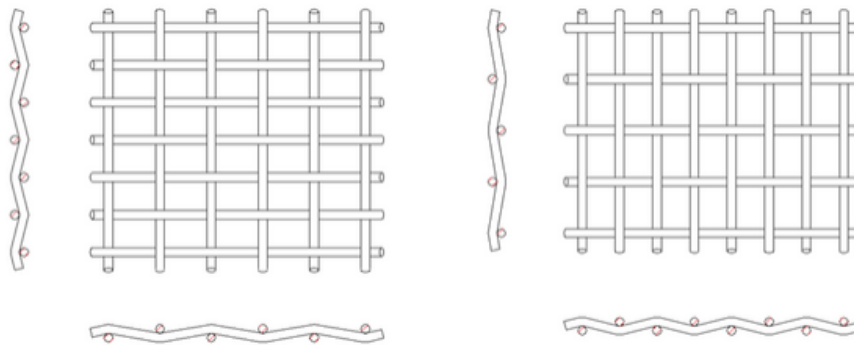
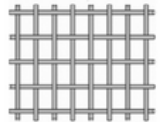
WIRE MESH

RECTANGULAR MESHES

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These clothes are characterized by the rectangular geometry of its mesh.



There are two main types:

- **RECTANGULAR TRANSVERSAL MESH**

This mesh has the larger side that conforms the mesh parallel to the width of the roll. We can also describe it as a rectangular mesh of weft.

- **RECTANGULAR LONGITUDINAL MESH**

This mesh has the larger side that conforms the mesh parallel to the longitude of the roll. We can also describe it as a rectangular mesh of warp.

PARAMETERS THAT IDENTIFY A RECTANGULAR WIRE CLOTH

- Openings ($w_u \times w_t$): w_u is the nominal longitude of the perpendicular bisector between the faces of the rectangular determined by the wires of the weft (those wires are set along the longitude of the roll) and w_t is the longitude of the perpendicular bisector between the faces of the rectangular determined by the weft wires (those wires are set along the width of the roll)..
- Diameter of the wire ($\varnothing_u \times \varnothing_t$): \varnothing_u is the nominal diameter of the warp and \varnothing_t is the nominal diameter of the weft before weaving.

Useful area of sieving (F_o): It's the relation between the area of apertures with regard to the total surface of the mesh.

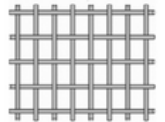
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MATERIALS:
stainless steel AISI-304 - AISI-304-L



Vertical Rectangular mesh

OPENING		WIRE DIAMETER		Fo %	G Kg/m ²	Mesh No
Weft mm.	Warp mm.	Weft mm.	Warp mm.			
12,00	4,00	1,60	1,30	71,67	5,61	2/5
7,50	2,50	1,00	0,90	70,62	3,82	3/8
4,50	1,50	1,00	0,90	57,68	5,76	5/14
4,00	1,50	1,00	0,90	55,24	6,15	5½/14
4,00	1,60	1,00	0,70	58,85	4,99	5½/12
3,00	1,00	0,70	0,60	56,96	4,02	7/20
2,77	0,88	0,60	0,50	59,05	3,21	8/22
2,20	0,75	0,60	0,50	53,06	3,76	11/25
1,80	0,60	0,50	0,30	56,25	2,52	12/30
1,50	0,50	0,42	0,30	54,07	2,40	14/35

Horizontal Rectangular mesh

OPENING		WIRE DIAMETER		Fo %	G Kg/m ²	Mesh No
Weft mm.	Warp mm.	Weft mm.	Warp mm.			
3,50	9,00	1,10	1,50	68,53	5,64	6/2.25
3,00	9,00	1,00	1,50	68,49	5,43	7/2
3,00	7,95	1,00	1,30	68,30	5,03	7/3
2,77	7,50	1,20	1,30	64,68	6,17	8/3
2,50	7,50	1,00	1,30	66,10	5,42	8/3
2,17	6,00	0,90	1,00	65,82	4,52	10/4
2,00	6,00	0,80	1,00	66,64	4,17	10/3
1,81	4,00	0,50	0,70	68,69	2,59	12/5
1,50	4,00	0,50	0,70	67,39	2,71	14/5
1,25	3,55	0,50	0,60	66,19	2,58	16/6
1,18	3,36	0,60	0,70	60,43	3,65	18/6
1,00	3,00	0,60	0,70	56,96	4,02	27/7
0,96	1,87	0,30	0,44	62,84	1,93	22/12
0,80	2,50	0,45	0,60	57,55	3,19	22/10
0,75	2,20	0,50	0,60	53,06	3,76	25/11
0,71	2,20	0,40	0,50	58,34	2,68	25/10
0,63	2,00	0,30	0,44	60,90	2,05	30/10
0,60	1,80	0,50	0,70	44,44	5,04	30/12
0,50	1,50	0,30	0,42	54,07	2,40	35/14