

Metal wire cloth; flat screens - Technical Details

Designation	Aperture size w mm	Wire diameter d mm	Yield strength Rp N/cm	A _s mm ² /cm	Open mesh area A ₀ %	Weight kg/m ²	Thickness s mm	Number of picker 1/m ²
GG 5 / 1,8	5,0	1,8	1300	3,74	54	6,1	3,6	21.630
GG 6 / 2,0	6,0	2,0	1400	3,93	56	6,4	4,0	15.630
GG 8 / 2,0	8,0	2,0	1100	3,14	64	5,1	4,0	10.000
GG 10 / 2,5	10,0	2,5	1400	3,93	64	6,4	5,0	6.400
GG 12 / 2,5	12,0	2,5	1200	3,39	68	5,5	5,0	4.760
GG 14 / 3,0	14,0	3,0	1500	4,16	68	6,7	6,0	3.460

- Aperture size: The clear gap between two neighbouring warp or weft wires in the centre of the mesh.
- Wire diameter: The wire diameter prior to weaving. Because of the high mechanical load during weaving, wires may appear
- Rp: Maximum permissible load of the mesh in warp (RpK) and weft (RpS) directions, without lasting significant deformation.
- As: AsK and AsS are actual cross sections on the cutting edges that proceed vertically to the wires to meet with the traction
- A0: Theoretical free flowing opening, through which the filtrate can pass, based on the flow surface.
- Mesh thickness: Approximate specification. Dependent upon the diameter, weave type and alignment of the weaving machine.
- Weight, number of picks: approximate specification.

