

Metal wire cloth; single sided 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
EG 5 / 1,8	5,0	1,8	1300	3,74	54	6,1	3,5	21.630
EG 6 / 2,2	6,0	2,2	1600	4,64	54	7,5	4,5	14.870
EG 10 / 3,0	10,0	3,0	1900	5,44	59	8,8	6,0	5.920

- 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
- Weight, number of picks: approximate specification.

