

## Metal wire cloth; five shaft meshes - Technical Details

Aperture size wK mm	Aperture size wS mm	Wire diameter dK mm	Wire diameter dS mm	Designation	Yield strength warp RpK N/cm	Yield strength weft RpS N/cm	A <sub>s</sub> K mm <sup>2</sup> /cm	A <sub>s</sub> S mm <sup>2</sup> /cm	Open mesh area A <sub>0</sub> %	Weight kg/m <sup>2</sup>	Mesh thickness s mm	Number of picker 1/cm <sup>2</sup>
0,090	0,050	0,110	0,110	128 x 160	165	210	0,48	0,59	14	0,86	0,37	3100
0,077	0,270	0,160	0,160	110 x 60	300	165	0,85	0,47	20	1,06	0,54	980
0,128	0,236	0,200	0,200	80 x 60	335	250	0,96	0,72	20	1,36	0,68	700
0,100	0,350	0,220	0,220	80 x 45	410	230	1,19	0,67	20	1,50	0,75	550
0,100	0,420	0,250	0,250	76 x 40	490	255	1,40	0,73	18	1,73	0,85	420
0,100	0,430	0,300	0,300	63 x 36	620	340	1,77	0,97	15	2,21	1,00	340
0,180	0,430	0,300	0,300	55 x 36	515	340	1,47	0,97	22	1,97	1,00	280
0,350	0,900	0,500	0,500	30 x 18	810	490	2,31	1,40	27	3,00	1,70	85

- 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,
- Rp: Maximum permissible load of the mesh in warp (RpK) and weft (RpS) directions, without lasting
- As: AsK and AsS are actual cross sections on the cutting edges that proceed vertically to the wires to meet
- 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
- Weight, number of picks: approximate specification.

