

## Shielding meshes - Technical Data

Description	Mesh style	Weave	Material	Material No.	Surface Weight g	A <sub>0</sub> rel %	R <sub>p</sub> N/cm	Electrical Resistance Ω*cm/m	Thick-ness μm	Surface	Remarks
LP-1226	rectangular mesh	twilled	AlMg 5	EN AW 5019	75	49	19	0,16	135	1,85	
LP-1192	square mesh	twilled	AlMg 5	EN AW 5019	90	42	28	0,17	130	2,20	
LP-1216	square mesh	twilled	AlMg 5	EN AW 5019	90	35	28	0,17	115	2,60	
LP-1260	square mesh	twilled	AlMg 5	EN AW 5019	180	31	55	0,09	210	2,79	
LP-1262	square mesh	plain	Cu 99,9	CW 004A	50	78	3	0,63	65	0,75	
LP-1105	square mesh	plain	Cu 99,9	CW 004A	72	81	4	0,45	167	1,32	
LP-1261	square mesh	plain	Cu 99,9	CW 004A	145	64	9	0,22	110	1,25	
LP-1107	square mesh	plain	Cu 99,9	CW 004A	230	62	14	0,14	170	1,30	
LP-1271	square mesh	plain	Cu 99,9	CW 004A	290	36	17	0,11	110	1,26	
LP-1205	square mesh	twilled	Cu 99,9	CW 004A	370	35	20	0,09	140	2,60	
LP-1246	square mesh	plain	CuSn 6	CW 452K	50	83	6	4,10	90	0,55	calendared
LP-1247	square mesh	plain	CuSn 6	CW 452K	50	83	6	4,10	30	0,55	
LP-1245	square mesh	plain	CuSn 6	CW 452K	50	78	6	4,00	65	0,75	
LP-1183	square mesh	plain	CuSn 6	CW 452K	80	80	10	2,58	120	0,65	
LP-1251	square mesh	plain	CuSn 6	CW 452K	90	85	11	2,23	175	0,50	
LP-1264	square mesh	plain	CuSn 6	CW 452K	250	32	30	0,81	90	2,70	
LP-1218	square mesh	plain	CuSn 6	CW 452K	370	35	45	0,54	140	2,60	
LP-1265	square mesh	plain	stainless steel	1.4301	35	82	8	33,00	65	0,60	
LP-1266	square mesh	plain	stainless steel	1.4301	45	78	10	26,00	65	0,75	
LP-1267	square mesh	plain	stainless steel	1.4301	63	81	14	18,90	110	0,62	
LP-1268	square mesh	plain	stainless steel	1.4301	70	72	15	17,00	80	0,95	
LP-1269	square mesh	plain	stainless steel	1.4301	70	53	15	17,00	45	1,70	
LP-1270	square mesh	plain	stainless steel	1.4301	100	71	20	11,70	110	1,00	

A<sub>0</sub>rel: theoretical open flow surface area, through which the filtrate can pass dependent upon the resistant surface.

R<sub>p</sub>: maximum permissible loading on the mesh in warp and weft direction without causing lasting deformation.

Weights and thicknesses are approximate values, dependent upon the wire tolerances. All information given in this table are typical values for shielding meshes. Spörl accepts no responsibility for the accuracy of these values. All information is subject to technical changes and further development work.