

Bopp supplies a comprehensive range of woven wire cloth developed expressly for electromagnetic shielding applications. Recent reports state that electromagnetic waves released from electronic devices including mobile phones, computers, televisions (PDPs) and other electronic devices may be harmful to the human body.

Wire cloth manufactured by Bopp offers advanced shielding properties and brightness, and has been used for applications including MRI scanner rooms, medical institutions and universities as well as broadcasting stations and military installations.

Designation	Mesh Type	Weave	Material DIN	Weight g/m ²	A ₀ rel %	Rp N/cm	Electrical Resistance Ohm*cm/m	Thickness µm	Surface factor f
SG-1226	QMG	twilled	EN AW 5019	75	49	19	0,16	135	1,85
SG-1226	RMG	twilled	EN AW 5019	75	49	19	0,16	135	1,85
SG-1192	QMG	twilled	EN AW 5019	90	42	28	0,17	130	2,20
SG-1216	QMG	twilled	EN AW 5019	90	35	28	0,17	115	2,60
SG-1260	QMG	twilled	EN AW 5019	180	31	55	0.09	210	2,79
SG-1262	QMG	plain	CW 004A	50	78	3	0.63	65	0,75
SG-1105	QMG	plain	CW 004A	72	81	4	0,45	167	1,32
SG-1261	QMG	plain	CW 004A	145	64	9	0,22	110	1,25
SG-1107	QMG	plain	CW 004A	230	62	14	0,14	170	1,30
SG-1271	QMG	plain	CW 004A	290	36	17	0,11	110	1,26
SG-1205	QMG	twilled	CW 004A	370	35	20	0,09	140	2,60
SG-1246	QMG	plain	CW 452K	50	83	6	4,10	90	0,55
SG-1247	QMG	plain	CW 452K	50	83	6	4,10	30	0,55
SG-1245	QMG	plain	CW 452K	50	78	6	4,00	65	0,75
SG-1183	QMG	plain	CW 452K	80	80	10	2,58	120	0,65
SG-1251	QMG	plain	CW 452K	90	85	11	2,23	175	0,50
SG-1264	QMG	plain	CW 452K	250	32	30	0,81	90	2,70
SG-1218	QMG	plain	CW 452K	370	35	45	0,54	140	2,60
SG-1265	QMG	plain	1.4301	35	82	8	33,00	65	0,60
SG-1266	QMG	plain	1.4301	45	78	10	26,00	65	0,75
SG-1267	QMG	plain	1.4301	63	81	14	18,90	110	0,62
SG-1268	QMG	plain	1.4301	70	72	15	17,00	80	0,95
SG-1269	QMG	plain	1.4301	70	53	15	17,00	45	1,70
SG-1270	QMG	plain	1.4301	100	71	20	11,70	110	1,00

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A₀rel: Theoretically free flow rate surface, through which the filtrate can flow, relating to the direction of the surface flow.

Mesh Thickness: Approximate value

Weight: Approximate value

Rp: Maximum acceptable loading of the mesh in warp and weft directions without lasting significant deformation.

This information represents typical values and does not imply any warranted characteristics or properties. The company reserves the right to make technical changes.