



BOPP Wire Mesh for Sound Attenuation

Bopp offers a comprehensive range of wire cloth especially designed for sound attenuation applications, e.g., aircraft engine nacelles, ducting, etc. The mesh can be supplied in roll goods and / or cut pieces. Bopp wire cloth is woven on state-of-the-art weaving equipment in a clean-room environment under total quality control from raw material through to the finished product.

Rayl (cgs) ¹		NLF	Thickness		Weight (kg/m ²)	Weave Type/ Dash Number
Nominal	± %		mm	inch		
3	8	<1.2	0.070	.0028	0.199	SQW
6	8	<1.2	0.150	.0059	0.510	TDW
8	8	<1.2	0.150	.0059	0.516	TDW
12	8	<1.2	0.150	.0059	0.562	TDW
15	8	<1.2	0.169	.0066	0.553	RDW
19	8	<1.2	0.169	.0066	0.573	RDW
20	10	<1.2 ²	0.228	.0090	0.900	RDW-1
20	15	<1.2 ²	0.241	.0095	0.925	RDW-5
21	10	<1.2 ²	0.170	.0067	0.635	RDW-6
23	8	<1.2	0.169	.0066	0.580	RDW
27	8	<1.2	0.169	.0066	0.587	RDW
28	10	<1.2 ²	0.216	.0085	0.875	RDW-2
28	10	<1.2 ²	0.178	.0070	0.690	RDW-4
32	8	<1.2	0.169	.0066	0.595	RDW
37	7	<1.2	0.169	.0066	0.602	RDW
43	8	<1.2	0.169	.0066	0.609	RDW
49	10	<1.2	0.169	.0066	0.617	RDW
57	10	<1.2	0.169	.0066	0.627	RDW
Availability: Stainless Steel: AISI 304L, DIN W.1.4306 - AISI 316L, DIN W. 1.4404 253 MA Avesta, DIN W.1.4893						
Others: 8 to 10	Stainless Steel 304L	<1.2	0.150	.0059	0.484	TDW
9.5 to 12 (10.5)	AL mg5 (US 5056)	<1.2	0.150	.0059	0.166	TDW

¹At velocity 105 cm/s at Standard Condition

²Non-Linearity Factor (NLF) { 150 cm/s : 105 cm/s } < 1.2

All other specifications, NLF { 200 cm/s : 20 cm/s } < 1.2

All 304L, 316L and Avesta 253 MA materials are DFARS 252.225-7014 Alt 1 Compliant
ISO 9001:2008

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