



Conductive Foam & Conductive Clad Foam Gaskets Technical Data

Gold plated gasket

Surface resistivity	0.01-0.04 Ohms. ²
Frequency range - 10MHz-1GHz tested	60-100dB
Density (Warp)	100+/-5
Density (Weft)	58+/-5
Weight	80+/-2 g/m ²
Breaking Strength (Warp)	145N+/-10
Breaking Strength (Weft)	350N+/-10
Elongation (Warp)	15%+/-3
Elongation (Weft)	22%+/-3

Anti-Tarnish plated gasket

Surface resistivity	0.045-0.10 Ohms. ²
Frequency range - 10MHz-1GHz tested	60-100dB
Density (Warp)	120+/-5
Density (Weft)	63+/-5
Weight	228+/-2 g/m ²
Breaking Strength (Warp)	135N+/-10
Breaking Strength (Weft)	200N+/-10
Elongation (Warp)	20%+/-3
Elongation (Weft)	20%+/-3

Carbon plated gasket

Surface resistivity	0.02-0.01 Ohms. ²
Frequency range - 10MHz-1GHz tested	60-100dB
Density (Warp)	100+/-5
Density (Weft)	58+/-5
Weight	85+/-2 g/m ²
Breaking Strength (Warp)	180N+/-10
Breaking Strength (Weft)	330N+/-10
Elongation (Warp)	15%+/-3
Elongation (Weft)	15%+/-3

Aluminium Foil gasket

Surface resistivity	0.004-0.01 Ohms. ²
Frequency range - 10MHz-1GHz tested	60-100dB
Density (Warp)	-
Density (Weft)	-
Weight	132+/-2 g/m ²
Breaking Strength (Warp)	120N+/-10
Breaking Strength (Weft)	120N+/-10
Elongation (Warp)	5%+/-3
Elongation (Weft)	5%+/-3

I/O gaskets

	260PCN	250PCN	78-301
Surface resistivity (Ohms ²)	0.03-0.1	0.03-0.1	0.03-0.1
Frequency range - 10MHz-1GHz tested	60-100dB	60-100dB	60-100dB
Density (Warp)	150+/-5	124+/-5	210kg/m ³
Density (Weft)	144+/-5	114+/-5	210kg/m ³
Weight	80+/-2 g/m ²	90+/-2 g/m ²	210g
Breaking Strength (Warp)	280N+/-10	285N+/-10	14.9~15.5
Breaking Strength (Weft)	235N+/-10	200N+/-10	14.9~15.5
Elongation (Warp)	22%+/-3	28%+/-3	21.8~46.2
Elongation (Weft)	20%+/-3	24%+/-3	21.8~46.2

Dimensional range

Width	(mm)	1.8~60
Thickness	(mm)	0.5~50
Deformation band	(%)	20~75
Compression Force	(kg/m)	20~30
Compression set	(%)	<15
Air gap filling range	(mm)	0.5~37.5

Applications

Conductive Foam and Conductive clad foams can be used easily in a wide range of applications across all sectors of Electronics where high performance modern materials are required to provide reliable and effective shielding solutions.