

Oriented Wires In Silicone

P & P Technology SP, SS, SR, SW & SF Ranges of gasket materials consist of Monel or aluminium wires embedded into solid silicone, sponge silicone or flourosilicone, a fire retardant variant is also available. The material may be supplied in strip form or as a complete gasket with or without pressure sensitive adhesive tape. Other options include compression stops or collars.



Carrier	SP Solid Silicone Elastomer (Grey) to ZZ-R-765 2b 40 SS Sponge Silicone (Grey) AMS3195 to ZZ-R-765-2b-40 SR Solid Silicone Fire Retardant (Black) to ZZ-R-765 *SF Flurosilicone (Blue) to Mil-R-25988 Gr5 SG Sponge Silicone Fire Retardant (Black) to AMS3195
Wire	Monel 0.11mm dia. to QQ-N-281 Aluminium dia. 0.12 mm Alloy 5056
Elastomer Hardness	Solid 35 ± 5 Shore Micro
Compression	Maximum Recommended 20%
Wire Count	100 ± 15% per cm ² (solid) 80 ± 15% per cm ² (sponge)
Temperature range	-65°C to +200°C
Self adhesive	Pressure sensitive adhesive (if specified)
Thickness	0.07mm
Release liner	White siliconised paper
Adhesive type	Modified acrylic
Adhesion Initial	13N/25mm
Adhesion Aged	31N/25mm

Attenuation Performance

Frequency	Field	Attenuation dB
10 KHz	H	55
100 KHz	H	83
1 MHz	H	>102
10 kHz	E	>121
1 MHz	E	>141
10 MHz	E	>120
100 MHz	E	>140
400 MHz	P	>102
1 GHz	P	95
10 GHz	P	60

Performance figures in accordance with MIL-STD-285 compression between 12 and 15%



P & P Technology Ltd
1 Finch Drive, Springwood
Braintree, Essex, CM7 2SF, UK
Tel: +44 (0) 1376 550525 Fax: +44 (0) 01376 552389
Email: info@p-p-t.co.uk Web: www.p-p-t.co.uk



Storage

Non adhesive version 10 years

Adhesive variant 1 year (adhesive may lose bond strength)

* It is recommended that the SF fluorosilicone version is used where the gasket may be in contact with mineral oils etc.

