



**Oriented Wires In Silicone / (Solid Silicone rubber avec fil monel ou aluminium de 0,1mm de diametre) "Silshield"**

Applications sévères : HMI, calculateurs, faces avant avec touches et joysticks  
Ecran : tactile, blindage EMI CEM MIL-STD-461, maille métallique encapsulée, selon votre cahier des charges.

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<sup>2</sup> (solid)

80 ± 15% per cm<sup>2</sup> (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

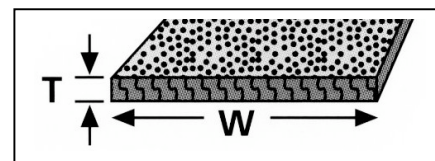
Performance figures in accordance with MIL-STD-285 compression between 12 and 15%

**Storage**

Non adhesive version 10 years

Adhesive variant 1 year (adhesive may lose bond strength)

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



**BCF MKM S.A.S** au capital de 99 091 Euro

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