



Form-in-Place Material

MP-L6X-SF

Silicone Free Conductive Form-in-Place Gasket

Product Overview

Uvox MP-L6X-SF is an electrically-conductive silicone-free composite material comprising of an elastomer & silver aluminium particles. It is specially designed to be used as a Form-in-Place (FIP) gasket on a wide range of components. It will cure to form an elastomeric gasket that has great adhesion to most substrates allowing complex, small section gaskets to be applied to prototypes through to production volume parts without excessive tooling charges.

L6X-SF is ideally suited for sensitive applications where silicone out-gassing is not acceptable.

Properties

Property	Value	Unit
Elastomer	Silicone-Free	
Conductive Filler	Ag/Al	
Curing System	Ambient air	
Number of Components	1	
Volume Resistivity	< 8	mΩcm
Shielding Effectiveness 200MHz to 10GHz	80 – 110	dB
Hardness	58	Shore A
Density (cured)	2.0	N/cm ³
Compression Set	22%	%
Adhesion Strength	>10	N/cm ²
Deformation Strength	4.0	N/cm
Temperature Range	-30 to +100	°C
Full Cure Time	24	h

www.uvox.co.uk

Uvox Ltd, 14/3 Stanmore Industrial Estate, Bridgnorth, Shropshire, WV15 5HR UK

Tel: +44(0) 1746 769 369

Fax: +44(0) 1746 766 001

sales@uvox.co.uk

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