



Form-in-Place Material

MP-A3X-SF

Silicone-Free Conductive Form-in-Place Gasket

Product Overview

Uvox MP-A3X-SF is an electrically-conductive silicone-free composite material comprising of an elastomer & silver 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 good adhesion to most substrates. This enables complex or small section gaskets to be applied on prototypes, through to production volume parts and without excessive tooling charges.

A3X-SF is ideally suited for sensitive applications where silicone out-gassing is not acceptable.

Properties

Property	Value	Unit
Elastomer	Silicone-Free	
Conductive Filler	Ag	
Curing System	Ambient air	
Number of Components	1	
Volume Resistivity	< 2	mΩcm
Shielding Effectiveness 200MHz to 10GHz	80 – 110	dB
Hardness	58	Shore A
Density (cured)	2.5	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	Hr.

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

We believe the information contained in this datasheet is accurate and representative of the product, however; it is the responsibility of the user to determine the suitability and safety of use in any application. Uvox Ltd has a policy of continual improvement of our products and services, and so reserves the right to change product specification without notice.

© Uvox Limited. All rights reserved.