



Form-in-Place Material MP-AY1

Non-Conductive Form-in-Place Gasket

Product Overview

Uvox MP-AY1 is a non-conductive Form-in-Place (FIP) material ideally suited for environmental sealing and can be used with the other Uvox products in the MP range to provide both environmental & EMC protection. The AY1 can be applied directly onto a range of materials to be sealed. AY1 has very good adhesion properties, a wide temperature range, high elasticity and is UV-stable

AY1 has long-term stability, and is resistant to fungicidal and bacterial growth.

Properties

Property	Value	Unit
Elastomer	Silicone	
Conductive Filler	None	
Curing System	Ambient air	
Number of Components	1	
Volume Resistivity	7×10^{17}	mΩcm
Shielding Effectiveness	n/a	
Hardness	20	Shore A
Density	1.0	N/cm ³
Compression Set	1%	%
Adhesion Strength	>10	N/cm ²
Deformation Strength	1.2	N/cm
Temperature Range	-40 to +150	°C
Cure Time	24	Hours

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