



Form-in-Place Material MP-BY1

Non-conductive Form-in-Place Gasket

Product Overview

Uvox MP-BY1 is a non-conductive Form-in-Place material ideally suited for environmental sealing and can be used alongside our MP range to provide both environmental & EMC protection. The BY1 can be applied directly onto a range of materials to be sealed. It distinguishes itself with very good adhesion, a wide temperature range, high elasticity & UV-stability. It is also fungicidal & bacterial impeding and has long term stability.

Properties

Property	Value	Unit	Test Method
Elastomer	Silicone		
Conductive Filler	n/a		
Curing System	Air Humidity		
Number of components	1		
Volume Resistivity	7×10^{17}	mΩcm	
Shielding Effectiveness	n/a		
Hardness	25	Shore A	ASTM D2240
Density	1.0	g/cm ³	ASTM D792
Compression Set	25	%	ASTM D395
Adhesion Strength	>10	N/cm ²	EMI-PM 0002 Rev. B
Temperature Range	-40 to + 150	°C	

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