

3M 2000+ Fire Barrier Silicone Sealant

Category : Other Engineering Material

Material Notes:

3M Fire Barrier Silicone Sealant 2000+ is a ready-to-use, gun-grade, one-component silicone elastomer that cures upon exposure to atmospheric humidity to form a flexible firestop seal. This material helps control the spread of fire, smoke and noxious gasses before, during and after exposure to a fire when installed in accordance with a listed through penetration or fire-resistive joint assembly. 3M Fire Barrier Silicone Sealant 2000+ firestops dynamic construction joints, blank openings and penetrations passing through fire-rated floor, floor/ceiling or wall assemblies and other fire-rated interior building construction. The sealant remains elastomeric, bonds to most common construction materials and exhibits excellent weatherability during construction. No mixing is required. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-2000-Fire-Barrier-Silicone-Sealant.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	<= 32 g/l	<= 32 g/l	VOC Less H2O and Exempt Solvents

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	ASTM D2240
Tensile Strength at Break	0.590 MPa	85.6 psi	
Elongation at Break	500 %	500 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	50.0 °C	122 °F	Application
	150 °C	302 °F	Service
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Service
	-29.0 °C	-20.2 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	<= 32.0 Month	<= 32.0 Month	

Descriptive Properties	Value	Comments
Appearance	Light Gray	

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