

3M 1003 SL Fire Barrier Water Tight Sealants

Category : Other Engineering Material

Material Notes:

3M Fire Barrier Water Tight Sealants 1000 NS and 1003 SL are ready-to-use, single component, neutral cure, silicone sealants that cure 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 Water Tight Sealants 1000 NS is a non-slump firestop used primarily on vertical surfaces with 3M Fire Barrier Water Tight Sealant 1003 SL is a self-leveling firestop ideal for floor applications. These firestop sealants also meets UL Water Leakage Test, W Rating – Class 1 requirements for systems tested and listed in accordance with ANSI/UL 1479. Both products are elastomeric, are ready-to-use and exhibit excellent weatherability. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-1003-SL-Fire-Barrier-Water-Tight-Sealants.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	<= 250 g/l	<= 250 g/l	VOC Less H2O and Exempt Solvents

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	10 - 15	10 - 15	ASTM D2240
Tensile Strength at Break	0.590 MPa	85.6 psi	
Elongation at Break	600 %	600 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-51.0 °C	-59.8 °F	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	Tack free, RT @ 50%RH
	30.0 - 60.0 min	0.500 - 1.00 hour	Dry to touch, RT @ 50%RH
Shelf Life	4.00 - 32.0 Month	4.00 - 32.0 Month	

Descriptive Properties	Value	Comments
Appearance	Light Gray	

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