

PRODUCT SPECIFICATION SHEET

Product Name: 3M™ Fire Barrier Water Tight Sealant

A. Typical Physical Properties		
As Supplied	1000 NS	1003 SL
MIL-S-8802 Flow, Sag or Slump	Nil	Self-Leveling
Working Time, Minutes	5-10	20-40
Color	Light Gray	Light Gray
Full Cure and Adhesion at 77° F (25°C) Days	14-21	14-21
Specific Gravity	1.33	1.31
As Cured – After 21 Days at 77° F (25°C) and 50% R.H.	1000 NS	1003 SL
Hardness, ASTM C 661, Shore A	20-25	10-15
Elongation (per cent) at Break, ASTM D 412	600%	600%
Dielectric Strength, ASTM D 149	479 V/mil (19.0 kV/mm)	503 V/mil (19.9 kV/mm)
UPITT Combustion Toxicity (LC50)	33 grams	33 grams
Service Temperature Range, ASTM C 1299	-60° F to 300°F (-51°C to 149°C)	-60° F to 300°F (-51°C to 149°C)

B. Firestopping Properties

Meets the criteria of ASTM E 814 (UL 1479) Standard Test Method for Fire tests of Through-Penetration Fire Stops and ASTM E 1966 (UL 2079) Standard Test Method for Fire-Resistive Joint Systems. Consult current independent test laboratories directories for listings.

The firestopping sealants are one component, ready-to-use, non-slumping or self-leveling silicone elastomers. The sealants shall be listed by independent test agencies such as UL, OPL or FM and be tested to and pass the criteria of ASTM E 814 (UL 1479) Standard Test Method for Fire Tests of Through-Penetration Fire Stops and ASTM E 1966 (UL 2079) Standard Test Method for Fire-Resistive Joint Systems. They shall comply with the requirements contained within the NEC (NFPA 70), BOCAI, ICBO, SBCCI, IBC, IFC, IRC, NFPA 101 and NFPA 5000.

The **Fire Barrier Water Tight Sealant 1000 NS** meets ASTM Specification C920, Type S, Grade NS, Class 25, Use NT, M, G, A and O and CAN/CGSB 19.13-M87, Class MCG-2-25-A-L.

The **Fire Barrier Water Tight Sealant 1003 SL** meets ASTM Specification C920, Type S, Grade P, Class 25, Use NT, M, G, A and O and CAN/CGSB 19.13-M87, Class MCG-1-25-A-L.