



Fire Protection Products

3M™ Fire Barrier Water Tight Sealant 3000 WT

Technical Data Sheet

January / 2026

Product Description

3M™ Fire Barrier Water Tight Sealant 3000 WT is a high-performance, ready-to-use, single component, neutral cure, nonslumping intumescent silicone sealant. Product cures upon exposure to atmospheric humidity to form a flexible firestop seal that also acts as a barrier to water leakage and airborne sound transmission. 3M™ Fire Barrier Water Tight Sealant 3000 WT 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 Sealant 3000 WT meets UL Water Leakage Test, W Rating – Class 1 requirements for systems tested and listed in accordance with ANSI/UL 1479 and is tested in accordance with ASTM G 21 standard practice for determining resistance of synthetic polymeric materials to fungi.

3M™ Fire Barrier Water Tight Sealant 3000 WT firestops penetrations passing through fire-rated floor, floor/ceiling or wall assemblies, static construction joints, blank openings and other fire-rated interior building construction. The intumescent property of 3M™ Fire Barrier Water Tight Sealant 3000 WT allows it to expand and help maintain a firestop penetration seal for up to 4 hours as penetrants are exposed to fire.

Product Features

- Firestop tested up to 4 hours in accordance with ASTM E 814 (UL 1479) & CAN/ULC S115
- Fire Resistance tested for construction joint systems in accordance with ASTM E 1966 (UL 2079)
- Meets UL Water Leakage Test, W Rating — Class 1 requirements
- Meets L-Rating Requirements (smoke seal)
- Sag-resistant, re-enterable and repairable
- Halogen-free
- Excellent adhesion, weatherability and caulk rate
- Meets UL 1479 aging requirements
- Minimizes noise transfer—STC-Rating of 53 when tested in STC 54-rated wall assembly
- Halogen-free, low VOC — *Complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, contains <250 g/L VOC contents (less H2O and exempt solvents per SCAQMD Rule 1168)*

Applications

3M™ Fire Barrier Water Tight Sealant 3000 WT is a high-performance intumescent

3M Fire Protection Products

3M™ Fire Barrier Water Tight Sealant 3000 WT

firestop ideal for sealing single or multiple through penetrations in fire-rated construction. 3M™ Fire Barrier Water Tight Sealant 3000 WT is typically used in mechanical, electrical and plumbing applications to firestop openings created by the following penetrations in fire-rated floors, floor/ceilings or walls: metallic pipe, non-metallic pipe (e.g. plastic), conduit, power and communication cable, cable trays, busways, combos, insulated pipe and HVAC duct penetrations. This product is also used to firestop blank openings and bottom-of-wall static construction joints.

Specifications

3M™ Fire Barrier Water Tight Sealant 3000 WT shall be a high-performance, ready-to use, single component, neutral cure, non-slumping, intumescent silicone sealant capable of expanding a minimum of six times its cured volume when exposed to temperatures above 662°F (350°C). The sealant shall be listed by independent test agencies such as UL, Intertek or FM. 3M™ Fire Barrier Water Tight Sealant 3000 WT shall be tested to and pass the criteria of ASTM E 814 (UL 1479) Standard Test Method for Fire Tests of Penetration Firestop Systems, ASTM E 1966 (UL 2079) Standard Test Method for Fire Resistive Joint Systems and CAN/ULC S115 Standard Method of Fire Tests of Firestop Systems. 3M™ Fire Barrier Water Tight Sealant 3000 WT meets the requirements of the IBC, IRC, IFC, IPC, IMC, NFPA 5000, NEC (NFPA 70) and NFPA 101.

For technical support relating to 3M™ Fire Protection Products and Systems, call: 1-800-328-1687.

For more information on 3M™ Fire Protection Products, visit: www.3M.com/firestop

Performance and Typical Physical Properties

Color	Light Gray with Black Flecks
Application Temperature Range	20° to 122°F (-29° to 50°C)
Service Temperature Range	-40° to 230°F (-40° to 110°C)
STC (ASTM E 90 and ASTM E 413)	53 when tested in STC 54 rated wall assembly
Surface Burning (ASTM E 84)	Flame Spread 0 Smoke Development 0
Fungi Testing	Meets ASTM G 21 Requirements
Expansion Volume	>6 time at 622°F (350°C)
Working Time	20-40 minutes
Specific Gravity	1.25
VOC Less H2O and Exempt Solvents	<= 65 g/L <i>Meets the intent of LEED® VOC environmental quality requirements</i>
Cure	Full cure depends upon ambient conditions and volume of sealant. Cure rate is approximately 1/8 inch (3mm) per day under typical conditions of 75°F (23°C) and 50% R.H
Unit Volume: 10.1 fl. oz. tube (300mL), 20 fl. oz. sausage (591 mL), 4.5-gallon pail (17 L)	

3M Fire Protection Products

3M™ Fire Barrier Water Tight Sealant 3000 WT

Installation Techniques

Consult a 3M Authorized Fire Protection Products Distributor or Sales Representative for applicable UL, ULC, Intertek or other third-party drawings and system details.

Preparatory Work: The surface of the opening and any penetrating items should be clean and free of dirt and debris to allow for the proper adhesion of 3M™ Fire Barrier Water Tight Sealant 3000 WT. Do not use alcohol to clean surfaces in penetration or joint opening, instead use a commercial solvent such as mineral spirits, xylene, toluene or methyl ethyl ketone (MEK). Ensure that the surface of the substrates is dry and frost free. Sealant can be installed with a standard caulking gun, pneumatic pumping equipment or it can be easily applied with a putty knife or trowel.

Installation Details: Install the applicable depth of backing material, if required, as detailed within the applicable UL, Intertek or other third-party listed system. Cut the end of the 3M™ Fire Barrier Water Tight Sealant 3000 WT tube spout to achieve the desired bead width. After cutting tip, puncture inner foil seal. Install the applicable depth of 3M™ Fire Barrier Water Tight Sealant 3000 WT into the opening flush with the surface of the substrate, or as detailed within the applicable listed system, at the required depth for the assembly and rating that is required. Tool within 5 minutes, if required. Clean all tools immediately after use with a commercial solvent such as mineral spirits, xylene, toluene or methyl ethyl ketone (MEK).

Limitations: Do not apply 3M™ Fire Barrier Sealant 3M™ Fire Barrier Water Tight Sealant 3000 WT when surfaces are wet (Note: once applied, sealant may be exposed to intermittent water - exhibits excellent weatherability when fully cured) or frost-coated, where seals may be exposed to rain or in unvented spaces where sealant is not exposed to atmospheric moisture. In confined cure conditions there may be discoloration of brass, copper or other sensitive metals. Do not apply 3M™ Fire Barrier Water Tight Sealant 3000 WT to polycarbonates or to building materials that bleed oil, plasticizers or solvent (e.g. impregnated wood, oil-based sealants, or green or partially vulcanized rubber).

NOTICE: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, the customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for the customer's application, including chemical compatibility with CPVC piping. Before applying any 3M Fire Protection Products or to a system which consists of CPVC pipes or materials, please check CPVC manufacturers' compatibility list.

3M Fire Protection Products

3M™ Fire Barrier Water Tight Sealant 3000 WT

Maintenance	No maintenance is expected to be required when installed in accordance with the applicable UL, Intertek or other third-party listed system. Once installed, if any section of the 3M™ Fire Barrier Water Tight Sealant 3000 WT is damaged, the following procedure will apply: the damaged section should be removed and reinstalled in accordance with the applicable listed system, with a minimum 1/2 in. (26mm) overlap onto the adjacent material.
Storage and Shelf Life	<p>Product packaged in 10.1 fl. oz. (300mL) cartridge (tube), 20 fl. oz. (691 ml) sausage and 4.5-gallon (17 L) pail.</p> <p>3M™ Fire Barrier Water Tight Sealant 3000 WT should be stored indoors in dry conditions between 40°F and 90°F (4°C and 32°C). Avoid repeated freeze / thaw exposures of the 3M™ Fire Barrier Water Tight Sealant 3000 WT while still in the packaging.</p> <p>3M Fire Barrier Water Tight Sealant 3000 WT shelf life is 18 months in original unopened containers from date of packaging when stored above 68°F (2°C)</p> <p>Lot numbering: This product has lot code number of the form YYYYMMDDXX where: YYYY is the year MM is the month DD is the day XX is the batch (batch one is 01) For example, 2024110705 is the fifth batch made on November 7, 2024.</p>
Availability	Available from 3M Authorized Fire Protection Products Distributors. For additional technical and purchasing information, call 1-800-328-1687 or visit 3M.com/firestop .
Safe Handling	Consult Safety Data Sheet prior to handling and disposing of 3M™ Fire Barrier Water Tight Sealant 3000 WT.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
Warranty, Limited Remedy and Disclaimer	<p>Warranty: 3M warrants that the Product will be free from defects in material and manufacture during the Extended Warranty Period. If the Product does not conform to this warranty during the Extended Warranty Period, then 3M will, as the sole and exclusive remedy, provide replacement Product (or, if replacement material is unavailable, refund the Product purchase price) for the Project. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE.</p> <p>This warranty is void if the Product is not installed: (1) in accordance with the applicable UL or Intertek listings; (2) in accordance with the applicable Product data sheet and installation instructions; (3) in accordance with the specifications for the Project; and (4) by a 3M trained Installer. This warranty does not cover damage or failure caused by Product misuse, improper Product storage, improper Product installation, Product or Project abuse, natural disasters, or other force majeure events.</p>
Limitation of Liability	EXCEPT FOR THE LIMITED EXTENDED WARRANTY AND REMEDY STATED ABOVE, AND EXCEPT TO THE EXTENT PROHIBITED BY LAW, 3M WILL NOT BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM OR RELATING TO THE PRODUCT, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL, (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS OR BUSINESS OPPORTUNITY), REGARDLESS OF THE LEGAL OR EQUITABLE THEORY ASSERTED, INCLUDING, BUT NOT LIMITED TO, WARRANTY, CONTRACT, NEGLIGENCE, OR STRICT LIABILITY.
Product Selection and Use	Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for

3M Fire Protection Products

3M™ Fire Barrier Water Tight Sealant 3000 WT

evaluating the 3M product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.



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