Science. Applied to Life.™

Fire Protection Products

3M™ Fire Barrier Silicone Sealant 2000+

Technical Data Sheet	January / 2026

Product Description

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. 3M™ Fire Barrier Silicone Sealant 2000+ 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.

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)
- Class 25 sealant, per ASTM C 920
- Compression/extension capability of ± 13%
- Excellent caulk rate — applied with conventional caulking equipment
- Excellent weatherability upon cure
- Excellent adhesion
- Re-enterable/repairable
- Minimizes noise transfer—STC-Rating of 56 when tested in STC 56-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 Silicone Sealant 2000+ is a flexible firestop ideal for sealing dynamic joints in fire-rated construction. In addition, 3M™ Fire Barrier Silicone Sealant 2000+ is used in mechanical, electrical and plumbing applications to firestop openings and penetrations through fire-rated floor or wall assemblies. Typical penetrants include metallic pipe, conduit, power and communication cable,
and telephone or electrical wiring. 3M™ Fire Barrier Silicone Sealant 2000+ is also used to firestop blank openings and construction joints.

3M Fire Protection Products

3M™ Fire Barrier Silicone Sealant 2000+

Specifications

3M™ Fire Barrier Silicone Sealant 2000+ shall be a one-component, ready-to-use, gun-grade silicone elastomer. The sealant shall be listed by independent test agencies such as Intertek or UL. 3M™ Fire Barrier Sealant 2000+ 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 Sealant 2000+ shall meet 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
Application Temperature Range	20° to 122°F (-29° to 50°C)
Service Temperature Range	-40° to 302°F (-40° to 150°C)
STC (ASTM E 90 and ASTM E 413)	56 when tested in STC 56 rated wall assembly
Surface Burning (ASTM E 84)	Flame Spread 0 Smoke Development 0
Extension/compression capability	± 13%
Hardness (ASTM D 2240 Shore A)	40
Tensile Strength	350 psi (0.59 MPa)
VOC Less H_2O and Exempt Solvents	<32 g/L
Elongation at break (ASTM D 412)	500%
Cure	Under typical cure rate conditions of 75°F (23°C) and 50% R.H., sealant becomes tack-free in about 90 minutes. Full cure depends upon ambient conditions and volume of sealant. Typical cure rate is approximately 1/8 inch (3.18mm) per day.

Volume: 10.3 fl. oz tube (301 mL), 4.5 gallon pail (17 L)

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 cleaned to allow for the proper adhesion of the 3M™ Fire Barrier Silicone Sealant 2000+. Do not use alcohol to clean surfaces (recommended cleaning solvents are 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 tube spout to achieve the desired bead width when applying. Install the applicable depth of 3M™ Fire Barrier Silicone Sealant 2000+ into the opening flush with the surface of the substrate, or as detailed within the applicable listed system, at the depth for the assembly and rating that is required. Tool within 5 minutes. Clean all tools immediately after use with mineral spirits, xylene, toluene or methyl ethyl ketone (MEK).

Limitations: Do not apply 3M™ Fire Barrier Silicone Sealant 2000+ under the following conditions: when surrounding temperature is greater than 122°F (50°C), when surfaces are wet or frost-coated, in unvented spaces where sealant is not exposed to atmospheric moisture, in areas where abrasion or physical abuse of the sealant are likely and/or where painting of sealant is required (Note: once applied, sealant may be exposed to intermittent water — exhibits excellent weatherability when fully cured). Do not apply 3M™ Fire Barrier Silicone Sealant 2000+ 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.

Note: In confined cure conditions, there may be discoloration of brass, copper or other sensitive metals.

Maintenance

No maintenance is expected when installed in accordance with the applicable third-party listed system. Once installed, if any section of the 3M™ Fire Barrier Silicone Sealant 2000+ is damaged, the following procedure will apply: remove and reinstall the damaged section in accordance with the applicable listed system, with a minimum 1/2 in. (12.7mm) overlap onto the adjacent material.

Storage and Shelf Life

Product packaged in cartridge or pail is enclosed in HDPE plastic containers

	3M™ Fire Barrier Silicone Sealant 2000+ 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 Silicone Sealant 2000+ while still in the packaging. Shelf life of 18 months from date of packaging when stored below 90°F (32°C) in original, unopened containers. Refer to "Use By" date printed on containers.
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 Silicone Sealant 2000+.
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	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. 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.
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 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.

3M

Industrial Specialties Division
3M Center
St. Paul, MN 55144-1000

Phone 800-328-1687
Web 3M.com/firestop