



Technical Data Sheet

3M™ Scotch-Seal™ Industrial Sealant 800



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ Scotch-Seal™ Industrial Sealant 800 is a reddish brown, brushable sealant that air dries to a flexible seal that resists water, oils and fuel and adheres to many metallic surfaces and has a useful temperature range of -65° to 200°F (-54 to 93°C).

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Uncured Physical Properties

Attribute Name	Value
Base	Nitrile
Net Weight	1.00 — 1.05
Consistency	Heavy Syrup

Typical Physical Properties

Attribute Name	Temperature	Value
Color		Reddish brown
Solids Content by Weight		50 — 59 %
Viscosity	23 °C (73 °F)	20,000-40,000 cP ¹
Coverage		30 ²
Coverage		120 ³

¹ Brookfield Viscometer, RVF #6 sp. @ 20 rpm

² 1/4 inch diameter wet bead

³ 3 mm (1/8 in) diameter wet bead

Handling/Application Information

Directions for Use

Surface Preparation: Best results are obtained on clean, dry surfaces. Oil, grease and other contaminants may be removed by wiping with solvent such as isopropyl alcohol, MEK, acetone, or other locally compliant solvent.*

Application: Production dispensing is best achieved with pressure flow equipment. A minimum 5:1 ratio pump with follower plate is suitable. A hand caulking gun or brush may also be used.

Drying Time: Surface dries tack free in approximately 5 minutes after application. Complete drying, depending upon temperature and air movement, is obtained in approximately 1-3 days.

Cleanup: Equipment and excess sealer may be cleaned with a solvent such as isopropyl alcohol, MEK, acetone, or other locally compliant solvent.*

Coverage: Approximately 1500 lineal ft./gal. for a 1/8 in diameter bead. Approximately 375 lineal ft./gal. for a 1/4 in diameter bead.

*Note: When using solvents, extinguish all ignition sources and be sure to follow the manufacturer's precautions and directions for use when handling such materials.

Application Equipment

Note: Appropriate application equipment can enhance adhesive performance. We suggest the following application equipment for the user's evaluation in light of the user's particular purpose and method of application.

Pump – 5 to 1 ratio, double acting, ball type check valves, divorced design. Approximately 6 cubic in per cycle with 3 in air motor.

5 Gallon Pail Dispensing System: Primer – Disc type follower plate.

55 Gallon Drum Dispensing System:

Primer – Single post elevator with disc type follower plate.

Flow Gun – Tip seal type.

Pressure Filling Caulking Guns – Same equipment as listed above.

Manual Caulking Gun Filling: Kenmar Model 4T caulking gun filler, Semco Model 330 Vaculoader, Graco Model 225-975 caulking gun filler.

Hose – Nylon lined hose, 500 psi working pressure.

Reference Information:

Material Temperature: 40°F (4°C) Flow Gun: 1/4 in diameter Tip

Hose Assembly:	Material Pressure psi	Output Lb./Min.	Material Pressure psi	Output Lb./Min.
Ten Foot Length 3/4 I.D. Hose	270	4.0	270	4.0
Twenty Foot Length 3/4 I.D. Hose	360	4.0	270	2.3
Twenty Foot Length 3/4 I.D. Hose + Ten Foot Length 1/2 I.D. Hose	630	5.2	270	1.3
Twenty Foot Length 1/2 I.D. Hose	585	3.8	270	1.2
Ten Foot Length 1/2 I.D. Hose	450	4.7	270	1.6
Note: Material Pressure = Operating Air Pressure x Pump Ratio				

Note: The solvent in this material attacks most materials except nylon, polysulfide, or PTFE.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original, unopened packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. Higher temperatures reduce normal storage life. For best performance, use this product within 15 months from date of manufacture.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577

Automotive Disclaimer

Select Automotive Applications:

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

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 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.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 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. If a

3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M 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.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M™ Industrial Adhesives and Tapes Division
3M Center, St. Paul, MN 55144-1000
3M.com/iatd

3M and Scotch-Seal are trademarks of 3M Company.
©3M 2025 (4/25)