

3M Sealant Technologies

Solutions for the elements from windows to ductwork.

Air, water, dirt, fuel, cold, heat – keeping these or other elements in or out is a challenge in applications as varied as windows and doors, truck lap seams, HVAC ductwork, vinyl siding, and livestock troughs. With 3M™ Scotch-Seal™ and Weatherban™ Sealants, you have a wide selection of solutions based on more than 50 years of development and innovation. To meet your requirements, you'll find formulations from acrylic to polyurethane, and forms from liquids to tapes.



Meeting your volume requirements –

Depending on the formulation, 3M sealants are available in caulking cartridges, collapsible self-applicator tubes, pails, drums, or rolls.

Ductwork – 3M™ Scotch-Seal™ Duct Sealer 900 fills gaps and cures quickly to a firm rubbery seal on medium and high pressure ductwork for heating, ventilating, and air conditioning.

Product Information: 3M™ Scotch-Seal™ and Weatherban™ Sealants

Product	Features	Solids Weight (Approx.)	Flash Point (Closed Cup)	Consistency	Color (Dry)	Application Method	Cure or Dry Time	Service Temperature Range	
Scotch-Seal Sealants	Adhesive Sealant 540	Polyurethane. Moisture cures rapidly to seal/bond many plastics, metal, wood, and more. Elastic to flex between materials with different coefficients of expansion. 250 psi tensile strength.	90%	136°F (58°C)	Mastic	Black & Gray	Hand or pressure caulk	24 hours (3/16" dia. bead)	-40° to 194°F (-40° to 90°C)
	Adhesive Sealant 560	Similar to 540 but with higher tensile strength of 580 psi and faster tack-free time. May replace mechanical fasteners.	90%	136°F (58°C)	Mastic	Black & Gray	Hand or pressure caulk	24 hours (3/16" dia. bead)	-40° to 194°F (-40° to 90°C)
	Industrial Sealant 800	Air dries. Flexible, rubbery for aluminum, steel, glass, many plastics and more. Resists weather, water, oils, fuel, detergent.	51.5%	20°F (-7°C)	Heavy liquid	Reddish brown	Brush or flow	1-3 days	-65° to 200°F (-54° to 93°C)
	Duct Sealer 900	Firm, rubbery with gap filling properties for aluminum, steel, and more. Economical for medium and high pressure HVAC ducts.	66%	1°F (-17°C)	Mastic	Gray	Hand or pressure caulk	1-2 days	0° to 180°F (-18° to 82°C)
	Tamper-proof Sealant 1252	Fire retardant seal for aluminum, glass, galvanized steel, cold rolled steel, and most plastics. Resists oil, gasoline, water, jet fuel and fungus. Will not corrode metal. Tack free in 20 seconds.	70%	20°F (-7°C)	Thin paste	White	Pressure flow gun	24 hours (1/8" dia. bead)	-20° to 250°F (-29° to 121°C)
	Metal Sealant 2084	Adheres to metal, wood and glass. Seals metal to glass in windows and doors. Resists weather, water, oil and gasoline.	46%	0°F (-18°C)	Heavy liquid	Aluminum	Brush or flow	24 hours (1/8" dia. bead)	-30° to 250°F (-34° to 121°C)
Weatherban Sealants	Sealant Tape 5354	High tack butyl adheres aggressively to porous and non-porous surfaces. Easy to compress and resists cold flow.	100%	None	Solid tape	Black	Apply by hand	Non-drying or curing	-65° to 190°F (-54° to 88°C)
	Ribbon Sealant PF-5422	Thread reinforced butyl. Dimensional stability, die-cutting. Repositionable with virtually no cleanup. Weather resistant adhesion to glass, metal and other non-porous surfaces.	100%	None	Solid tape	Black	Apply by hand	Non-drying or curing	-40° to 200°F (-40° to 93°C)
	Ribbon Sealant PF-5423	Nonreinforced thinner product similar to PF 5422 Ribbon Sealant.	100%	None	Solid tape	Black	Apply by hand	Non-drying or curing	-40° to 200°F (-40° to 93°C)
	Sealant 606-NF	Smooth, weather resistant acrylic for metal, wood, painted or primed surfaces and some abraded plastics. Skins over in 20-40 minutes. Low shrinkage. Weld-through.	78%	None	Non-stringing pumpable paste	White	Hand or pressure caulk	7 days (1/4" dia. bead)	-20° to 180°F (-29° to 82°C)

Note: The technical information and data on these pages should be considered representative or typical only, and should not be used for specification purposes.