

3M™ Adhesive Sealants



292

Proven performance in demanding applications

| Product | Description | Tensile Strength psi (MPa) | Stress at 100% Strain psi (MPa) | Elongation (%) | Skin Time (min) | Hardness (Shore A) | Color (Dry) | Application Method | Typical Handling Strength | Cure Rate (mm/24 hr) | Service Temp. Range °F (°C) |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------|----------------|-----------------|--------------------|--------------------|--------------------|---------------------------|----------------------|-----------------------------|
| 3M™ Polyurethane Adhesive Sealants (UV stable, Paintable once skin forms, Multi-purpose) | | | | | | | | | | | |
| 525 | All-around sealing; very flexible, excellent for concrete. | 300 (2.1) | 75 (0.5) | >800 | 90–150 | 25 | Gray | Bead | N/A | 3 | -22 to 176 (-30 to 80) |
| 540 | Multi-purpose sealing. | 350 (2.4) | 90 (0.6) | >700 | 60–90 | 40 | White, Gray, Black | Bead | 24 hr | 3 | -40 to 194 (-40 to 90) |
| 550FC | Multi-purpose adhesive sealant. | 375 (2.6) | 150 (1.0) | >500 | 50–90 | 45 | White, Gray, Black | Bead | 24 hr | 4 | -40 to 194 (-40 to 90) |
| 550FC + AC63 | Two component system for accelerated cure of 550. | 275 (1.9) | 125 (0.9) | >500 | 20 | 45 | White, Gray, Black | Bead | 20 min full cure | 20 min | -40 to 194 (-40 to 90) |
| 551 | Properties similar to 550FC with longer open time. | 450 (3.1) | 200 (1.4) | >600 | 120–180 | 45 | White | Bead | 24 hr | 4 | -40 to 194 (-40 to 90) |
| 560 | High strength adhesive sealant. | 380 (2.6) | 200 (1.4) | >300 | 50–60 | 55 | White, Gray, Black | Bead | 24 hr | 4 | -40 to 194 (-40 to 90) |
| 560 + AC63 | Two component system for accelerated cure of 560. | 350 (2.4) | 140 (0.9) | >500 | 40 | 50 | White, Gray, Black | Bead | 3 hr | <24 hr full cure | -40 to 194 (-40 to 90) |
| 595 | Polyurethane windshield and window bonding. | 1250 (8.6) | 470 (3.2) | >400 | 20–30 | 60–65 | Black | Extruded | 1 hr | >3 | -40 to 212 (-40 to 100) |
| 3M™ Silane Modified Polymer (SMP) Adhesive Sealants (Excellent UV performance, Can be painted immediately, Isocyanate-free) | | | | | | | | | | | |
| 730UV | Clear, cosmetic sealing with excellent UV resistance. | 300 (2.1) | 120 (0.8) | >200 | 25–30 | 30 | Clear | Bead | 24 hr | 3.5 | -40 to 194 (-40 to 90) |
| 740UV | Multi-purpose sealing; excellent UV resistance, low VOC. | 180 (1.2) | 168 (1.2) | 130 | 40–60 | 30 | White, Gray, Black | Bead | 24 hr | 3.5 | -40 to 194 (-40 to 90) |
| 760UV | Multi-purpose bonding; excellent UV resistance, low VOC. | 440 (3.0) | 280 (1.9) | 180 | 10–30 | 55 | White, Gray, Black | Bead | 24 hr | 3.5 | -40 to 212 (-40 to 100) |

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| 3M™ Weatherban™ Sealants | | | | | | | | | | | |
| 5354 | High tack butyl tape for sealing; easy to compress, resists cold flow. | N/A | N/A | N/A | N/A | 60 | Black | Tape | N/A | N/A | N/A |
| PF5422 | Thread reinforced butyl tape. Repositionable without clean up. Weather resistant. | 125 (0.9) | 25 (0.2) | 400 | 30 | N/A | Black | Tape | N/A | N/A | N/A |
| PF5423 | Non-reinforced, thinner version of PF5422. | 20 (0.2) | 20 (0.2) | 2700 | 30 | N/A | Black | Tape | N/A | N/A | N/A |
| 3M™ Specialty Sealant and Adhesive Products | | | | | | | | | | | |
| 800 | Solvent-based rubber dries to flexible seal. Solvent resistant. | 100 (0.7) | 70 (0.5) | 1200 | 10 | N/A | Red-Brown | Bead | 24 hr | 0.8 | -65 to 200 (-54 to 93) |
| 606 | Weatherban™ Acrylic Sealant; Multipurpose indoor and outdoor sealing. | 260 (1.8) | 153 (1.0) | 146 | 30 | 60 | White | Bead | N/A | 1.5 | -28 to 180 (-33 to 82) |
| 2084 | Scotch-Seal™ solvent-based rubber industrial sealant. Metal sealant; aluminum color. Oil and fuel resistant. | 700 (4.8) | 475 (3.3) | 800 | 5 | 30 | Aluminum | Bead | 24 hr | 0.7 | -65 to 200 (-54 to 93) |
| 5010 | Moisture-curing polyurethane. Excellent wood bonder. | 275 (1.9) | N/A | N/A | 3–5 | N/A | Cream | Bead | 24 hr | N/A | -22 to 212 (-30 to 100) |