



# Fast N Firm™ Seam Sealer

## 08505

### Technical Data

January 2017

3M Part Numbers	3M Part Descriptor
08505	3M™ Fast N Firm™ Seam Sealer

**Product Description** 3M™ Fast N Firm™ Seam Sealer is a one-part solvent based automotive seam sealer designed for application to exterior body seams. 3M™ Fast N Firm™ Seam Sealer should be applied to properly prepared primer or paint coated surfaces and may be painted with common automotive type paint systems.

- Features**
- 1/10 Gallon Cartridge
  - Solvent based
  - Flexible

**Typical Physical Properties** NOTE: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

<b>Container</b>	1/10 Gallon (378 mL) Cartridge
<b>Base</b>	Synthetic Rubber
<b>Density lbs./Gallon (Approx.)</b>	7.85 (940 g/liter)
<b>Color</b>	Tan
<b>Flash Point</b>	40°F (4°C)
<b>Solids Content (Approx.)</b>	64%
<b>Consistency</b>	Paste
<b>Service Temperature</b>	-20°F to 180°F (-29°C to 82°C)
<b>Solvent</b>	Toluene, Mineral Oil

**Product Uses** General sealing of exterior automotive seams including floor pans, hem flanges, frame rails, rear body panels and aprons.

Use with the following accessories:

- 3M™ Professional Caulking Gun (PN 08993)

**For professional use only. Not intended for retail sale.**

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### Performance Properties

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

<b>Cold Temperature Resistance at -20°F (-29°C)</b>	Remains flexible .060 2" Mandrel
<b>Heat Resistance: 500 hours at 150°F (65°C)</b>	Remains flexible .060 2" Mandrel
<b>Adhesion: Primed Metal: Excellent</b>	Cohesive failure
<b>Sag Resistance: 3/8" (10mm) bead</b>	Zero sag after 30 min.

### Directions for Use

1. Clean the primer, E-coat, or painted surface with a VOC compliant surface cleaner to remove any contaminants.
2. Scuff the surface using a Scotch-Brite™ Scuff Pad or grade P180 to P320 abrasive.
3. Blow off and re-clean the surface to ensure proper adhesion.
4. Cut the nozzle tip to the desired size and puncture the foil seal at the cartridge outlet. Press or knock out the center plug at the base of the cartridge.
5. Install the cartridge into a 3M™ Professional Caulking Gun (PN 08993).
6. Apply seam sealer and tool (if necessary) to desired finished appearance. A mild VOC compliant solvent may be used to smooth the sealer during the tooling process.
7. Allow 30 minutes before painting, after 24 hours scuff with a Scotch-Brite™ Scuff Pad.

NOTE: 3M does not recommend using this seam sealer in interior passenger compartment or trunk compartment applications. An objectionable residual solvent odor lasting up to a month has been reported by customers using the product. For seam sealers without this issue, choose 3M™ Urethane (PN 08360/08361/08364) or 3M™ MSP (PN 08369/08370).

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<b>Applications</b>	General purpose automotive seams, including door skins, rocker panels, rear body panels, trunk seams, floor pans, etc.
<b>Storage and Handling</b>	Store at room temperature. Rotate stock on a “first-in-first-out” basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 12 months. Use in a well-ventilated area.
<b>Precautionary Information</b>	Before using this product, please reference Product Label and/or Safety Data Sheet for Health and Safety Information. Note: Laws controlling the acceptable amounts of Volatile Organic Compounds (VOCs) vary by state, and in some cases by locality. For surface preparation and clean-up activities, consult federal, state and local regulations regarding use of products containing VOCs in your area.
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