

1K MSP Seam Sealing Guide



DTM 20	MSP	MSP	
	#8012	#8013	#8018
	Black	White	Beige
Work Time	20 minutes	20 minutes	20 minutes
Skin Time	20-30 minutes	20-30 minutes	20-30 minutes
Paint Time	Immediate, or up to 7 days	Immediate, or up to 7 days	Immediate, or up to 7 days

DTM 20

(Direct to Metal) Adhesive/Sealant/Coating

Pliogrip DTM 20 is a multi-purpose product that is used as a sealant/seam sealer, adhesive and a coating. This high performance product is designed to provide excellent sprayability, yet it is also caulked and tooled in a number of applications. **Pliogrip DTM 20** is tough, elastic and waterproof. It bonds aggressively to bare steel, aluminum, primed metals, ceramics, wood, Styrofoam®, glass, fiberglass and many plastics (including PVC, ABS and Polycarbonate).

Applications include: vehicle weld seams, Weld bonded seams, floor and trunk pans as well as many other vehicle and non-vehicle applications. **Pliogrip 8012/8018** can be painted immediately or painted after the sealer is tack free to the touch. Painting should be completed within 7 days of the initial application.

Panel Preparation:

1. Clean and remove all dirt and corrosion from seamed area.
2. Prime bare metal per paint manufacturers' recommendation or can be used on Bare metal
3. Allow primer to flash 1 hour before application of PLIOGRIP seam sealers. Application of the seam sealer before full cure of the primer may cause primer to fail to adhere to the metal. Heat may be used to accelerate cure of the primer if specified by the manufacturer of the primer.
6. Attach nozzle and dispense 1 inch
1. Apply seam sealer to seamed area and tool out if necessary. If a smoothed edge is desired, use a rubber gloves and soapy water. The soap acts as a lubricant and water speeds the cure. Can brushed to simulate OEM
8. Allow seam sealer to cure as described in the table in these instructions and on the cartridge label.
9. Prime and paint per paint manufacturer's recommendation. **All four PLIOGRIP 1K MSP seam sealers may be painted immediately or up to 7 days after application**

Weld/Bonding

Pliogrip 8012, 8013, 8018 seals between welds keeping out moisture when used with Compression Resistant spot welder

1. Grind off all e-coat with 36 grit grinding disc
2. Blow off with clean dry air
3. Apply MSP sealer to prepped welded surface and smooth out with spreader or acid brush
4. Mate panels together. If a realignment is needed slide panel, Do not separate as this can cause air pockets
5. Set Resistant Compression welder to proper settings. Note a Shunt may be needed between the panels to conduct current flow for initial weld.

Spray Coating

Pliogrip 8012, 8013, 8018 can also function as a stand-alone coating on many surfaces. Depending on the application, a coating of **sealer** may offer a protective coating, function as a sound deadener and/or provide anti-skid properties.

Applications: wheel house, rocker panels, trunk floor pans

Spray gun set

1. Cut off end of tube
2. Prior to inserting in gun, Attach black inner nozzle to tube
3. Place tube in gun
4. Tighten all fittings securely
5. For bead application, set air pressure at 20-30 psi. Turn off air atomization's
6. For spray set air pressure at 40-50 psi. Adjust air atomization to desired texture, Note: If temperatures are cooler, Place tube in Hot water prior to cutting tip. Allow to set 15 minutes in hot water. This will allow a fine texture.

IMPORTANT INFORMATION: Ashland's cartridge system is sold as a kit, and performance has been verified using the kit contents. Do not attempt to use other static mixers in application of this product. This repair Guide is incorporated as part of Bonding Solution Recommendations for Use of PLIOGRIP products. Failure to adhere to recommendations in this Repair Guide and the Instructions sold with the product voids the Lifetime Warranty.

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