

POWR 300 Series

PP302MV Primerless Medium Viscosity Urethane

PRODUCT NAME

POWR 300 Series PP302MV Primerless Medium Viscosity Urethane Primerless to Glass/Frit

PRODUCT DESCRIPTION

PP302MV is a one-part, medium viscosity, non-conductive, isocyanate-free and primerless to glass polyurethane, formulated for auto glass installations without the use of supporting tape while remaining easy to gun. Performance characteristics exceed criteria established by the automotive industry and those covered by FMVSS 212.

urethane around the entire perimeter of the pinchweld.

- Apply directly on top of the freshly trimmed existing bed of urethane or glass frit. Install glass into opening, using light hand pressure to assure complete contact with wet adhesive. Replace moldings and accessories.

LIMITATIONS

Not for use below 40°F (4°C) without following cold weather installation instructions.

TECHNICAL DATA

The physical properties of PP302MV Urethane Adhesive are shown below.

FEATURES	BENEFITS
Quick cure	Excellent bond on full cut installations
Meets applicable OEM strength standards	Offers consistent quality
No heating or special equipment required	Zero start up cost
High strength	Excellent combination of high strength and rapid cure rate
Isocyanate-free	Safer for environment and technicians
Meets FMVSS 212	Safer and more secure installations
Easy gunning / Wide mouth cartridge	Save time and money

PHYSICAL PROPERTIES	VALUE
Base Polymer	Isocyanate Free Polyurethane
Color	Black
Tack Free Time	Approx. 10 minutes (At 73°F (23°C) 50% RH)
Type of Curing	Moisture
Shore A (Hardness)	50-55
Tensile Strength	>1000 psi
Lap Shear Strength	>200 psi
APPLICATION PROPERTIES	
Application Temperature	0°F to 113°F (-17°C to 45°C)
Storage	40°F to 90°F (4°C to 33°C)
Shelf Life	9 months (In Unopened Container, When Stored at 77°F (25°C) / 50% RH)

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

INSTRUCTIONS

- Remove all exterior moldings, trim, and windshield following the vehicle manufacturer's instructions.
- Using the full cut method; inspect the old urethane to insure a firm bond exists to the pinchweld. Firmly bonded urethane should be trimmed, leaving a level bed around the entire pinchweld approximately 1/16" to 1/8" thick.
- If old urethane demonstrates any signs of peeling, or if butyl tape, silicone, or rust is apparent, remove all material down to the pinchweld and restore to OEM specifications prior to bonding.
- Prime pinchweld scratch marks and repaired rust areas with PP3MP Pinchweld Primer; allow 10 minutes to dry. (See PP3MP product data sheet for complete instructions.)
- Clean replacement windshield thoroughly with PWR22 Automotive Glass Cleaner. CAUTION: Some glass frits are conditioned with a variety of chemicals. CRL recommends that installers be aware that some frits may require additional preparation to insure a safe installation. If contamination is still present after the initial cleaning with PWR22 Glass Cleaner, CRL recommends wet scrubbing the bonding area with an open cell nylon pad (Cat. No. NP48) and re-clean with PWR22 as needed to insure no contamination exists. This process is recommended for both Primerless and Primed applications.
- Encapsulated parts should be primed with PP3UV EPDM/PVC Primer after cleaning first with PWR22. Use a fresh applicator each time the primer is applied.
- Where required, select and install appropriate sound blocking materials (foam tape).
- Apply a 1/2" to 5/8" (13 to 16 mm) high bead of PP302MV

PACKAGING

24-10.1 fl. oz. (300 ml) aluminum cartridges per case.

CLEAN-UP

Wipe off excess PP302MV with CRL2032 General Purpose Adhesive Solvent.

HEALTH & SAFETY

For all CRL products, and for other products used in conjunction with CRL products, users must follow individual product data sheet and Material Safety Data Sheets (M.S.D.S.) for health and safety precautions. Always use protective eyewear. Inform your customer that: USE OF SEAT BELTS IS ALWAYS RECOMMENDED.

PP302MV Safe Drive Away Chart				
Minimum installation humidity: 10%				
	20%RH	50%RH	75%RH	90%RH
85°F (29°C)	5 hrs	4 hrs	4 hrs	3 hrs
70°F (21°C)	6 hrs	4 hrs	4 hrs	4 hrs
55°F (13°C)	11 hrs	6 hrs	6 hrs	5 hrs
40°F (4°C)	24 hrs	24 hrs	24 hrs	24 hrs
RH= Relative Humidity				

For best results, CRL recommends that PP302MV Urethane Adhesive be used at temperatures of 40°F and above.

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