

Pliogrip™

structural adhesives

2-part polyurethane technology

Since the 1960's Pliogrip™ polyurethane adhesives have been specified for the most demanding bonding applications. Typical fields of use are bonding of composite body assemblies, specialty components, under-the-hood or vehicle framing applications.

All products are supplied as pre-polymerized resin/curative systems with excellent chemical and moisture resistance when cured. The prepolymer technology reduces the amount of free isocyanate, reduces the reaction exotherm and ensures the formation of consistent and predictable end products.

Our polyurethane adhesives exhibit medium to high modulus strength, excellent fatigue performance and superior impact strength.

Processing

- Excellent sag resistance compared with gravity flow single components
- Simple and cost-friendly processing
- Open times from 30 seconds to 45 minutes
- No degassing / bondline foaming
- Ambient curing as well as heat activated types available

Key Features

- Superior impact resistance especially at low temperatures
- Imperceptible shrinkage; very low risk of surface distortion effects
- Special products designed for e-coat line applications up to 190°C
- Proven outstanding fatigue performance and long term durability
- OEM approved

Quality

- No settlement of the single components
- Consistent and predictable end products
- Long shelf life guarantee (1.5 to 2 years)

Environment, Health and Safety

- Prepolymer technology – reduced monomeric Isocyanate
- 100 % reactive, no VOCs
- No cadmium, mercury, lead, chromium, nickel or chlorine

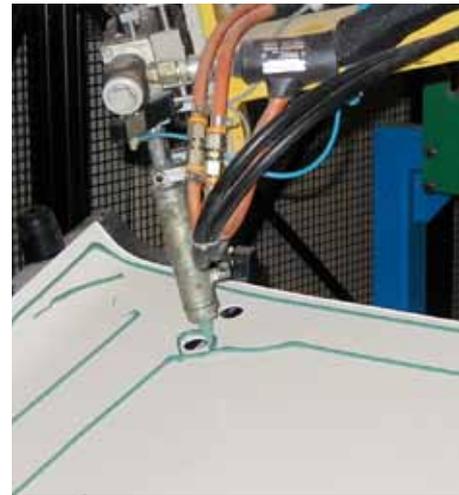
Ashland technical support

- Technical service and support in process definition and optimization
- Support in setting up work instructions and application procedures at the workplace
- Expertise in other adhesive technologies as epoxies, phenolics, pressure sensitive, wood bonding or roofing adhesives

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With good chemistry great things happen.™