



## 1956

1956 is a high quality, multi-purpose, sag-resistant one-component polyurethane sealant. This material is condensation cure material. It is a high strength and vibration damping properties. It is used for automobile manufacturing, shipping industry, container manufacture, heating and ventilation systems, a variety of maintenance and repair applications.

<b>Technology / Base</b>	Polyurethane
<b>Type of Product</b>	Sealant
<b>Components</b>	One Component
<b>Curing</b>	Thermal Cure
<b>Appearance / Color</b>	Black
<b>Consistency</b>	Thixotropic Paste

### Features and Benefits

- Low odor
- Outstanding weather and aging resistance
- Paintable after cure
- Non-corrosive
- Adhesion to a variety of materials have good adhesion chemical media capability
- Resistant to age hardening, providing a consistent durometer measurement
- Good UV resistance, making it ideal for interior and exterior applications

### Technical Data

Rheology	Value	Condition/Method
Viscosity	Thixotropic Paste	at 25°C
<b>Density</b>		
Specific Gravity	1.2	
<b>Uncured Material Characteristics</b>		
Skin Formation Time	50-60 Mins	at 25°C and 50% R.H.
Handling Time	5-6 hrs	
Shelf Life	9 months unopened	
Cure Temperature and Time	3mm thickness in 24 hr Full-cure is 7 Days at 25°C at 50% R.H. or 5 hours at 70°C.	
<b>Cured Mechanical Properties</b>		
Hardness	55 Shore A	ASTM D638, 25°C 50% RH ASTM D638, 25°C 50% RH
Tensile Strength	6.0 MPa	
Elongation at Break	> 450%	
Tear Strength	20 NN/mm <sup>2</sup>	
Operating Temperature	-40 to 90°C, 120°C Short Term	



## General Instructions

1. If storing below 25°C, bring material to room temperature 24 hours before using
2. Prior to bonding, surfaces must be clean and free of any dust, oils, or other contaminants
3. Using preheated substrates can reduce the time prior to handling
4. Apply adhesive to one or both of the surfaces to be bonded. The surfaces can then be assembled and heat cured immediately.

It is not recommended to use 1925 at temperatures below 5°C or higher than 35°C. 1925 is typically dispensed through a nozzle that has an opening with the desired dimensional extrusion size. This is done by cutting the opening on a cartridge of sausage pack tip or with custom metal designed nozzles for bulk dispensing. Once the packages are opened, it is recommended to use the shortest possible time to apply the materials. It is not recommended to reseal and use the material at a later date. After material is applied it can be smoothed with a spatula and soapy water. 1925 material surface can be painted after it is fully cured. It is highly recommended that a pre-test be done on a small sample area to confirm paint compatibility and adhesion.

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## Specifications and Approvals

### Handling and Clean-Up

See SDS for handling and clean-up information.

### Safety and Disposal

See SDS for safety and disposal information.

### Storage

For optimum shelf life, store below 5°C. Shelf life at room temperature is 9 months. Partially used containers should always be nitrogen purged to prevent moisture contamination, which could result in pressurized containers. Moisture contaminated material cannot be recovered.