



AST POLYMER WINDSHIELD ADHESIVE

AST Polymer Windshield Adhesive **provides quick drive-away time and easy application without pre-heating for vehicles.** It is an isocyanate-free, thixotropic, high modulus windshield adhesive based on AST Polymer technology.

FEATURES & BENEFITS

- Easy application without pre-heating
- High initial tack; quick drive-away time
- Eco-friendly, free from isocyanate and solvent
- Very low VOC content and odor
- UV and extreme weather resistance

APPLICATION AREAS

- Ideal for glass replacement in automotive and marine repair, such as windshields, rear glass, side glass and other stationary glass
- Sealing and bonding of sunroof applications
- Sealing and bonding of heavy metal materials for container construction
- Suitable for metal, steel, aluminum, glass, copper, zinc and fiberglass

INSTRUCTIONS

- Remove the damaged glass. Before application ensure that surfaces are clean, dry and free from dust and grease.
- Cut tip of the nozzle to desired shape and size to provide a bead height sufficient to give good contact with the windshield around the entire perimeter. A triangular shaped notch will provide the optimal bead shape and height.
- It is recommended to apply the adhesive with a pneumatic sealant gun.
- Apply AST Windshield Adhesive directly to the glass. Position the glass by aligning a glass mounting tape on glass and car body. Press glass in place to assure complete contact with the AST Windshield Adhesive.

RESTRICTIONS

- Avoid application below 5 °C and above 40 °C.
- They should be kept dry and cool on wooden pallets at between 10 °C and 25 °C in moisture free conditions.
- Do not apply on frozen or wet surfaces or through standing water

Secure Vehicle
Windshields
Without
Pre-Heating



STORAGE AND SHELF LIFE

The shelf life is 9 months if stored in unopened-original package in a dry place at temperatures between +5°C and +30°C.

SAFETY & DISPOSAL

The application area must be ventilated properly. Only use within appropriate application temperatures. Check MSDS guidelines for disposal and further information concerning safety.

PROPERTIES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, Black
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55 ±5
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: Min. 3,5 N/mm ²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

PRODUCT

Product Type	Volume	Package
Black	290 ml	12
Black (Sausage)	600 ml	12

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.