Product information
Liquifast 1502

PI 26/01/08/2025

Description
1-component, cold-application, moisture-curing PUR adhesive for direct glazing of vehicle windows in the case of repairs. Tested in a crash by the TÜV testing agency. The bonding agent is characterized by its extremely fast hardening properties and excellent rigidity. Vehicles whose windows were bonded using Liquifast 1502 are ready to be driven after just 1 hour of drying time, with or without driver airbag/dual airbags, according to general test conditions. Liquifast 1502's increased torsional rigidity increases driving safety and comfort. This type of adhesive is especially prescribed if the vehicle windows contain heating elements or vehicle antennas.



Properties
- TÜV tested
- fast bonding properties
- cold working
- proven OEM quality
- cured by moisture in the air
- high-modulus
- high viscosity
- non-conductive

Technical data

Base	polyurethane pre-polymers
Color / appearance	black
Odor	charakteristic
Extrusion viscosity	pastös, pumpbar GM001.0
Density at 20 °C	1,34 g/cm³
Solids content	>95 %
Flash point	>100 °C
Ambient temperature	5-40 °C
Extrusion temperature	10-35 °C
Rigidity	good
Processing time	8-12 min at 23 °C/50 % r.h.
Skin formation time at 23 °C/50 % relative humidity	ca. 10 min GM 006.0
Curing rate at 23 °C / 50 % rh	ca. 3.5 mm/24h GM 007.0
Combined tension and shear resistance	> 4,5 MPa GM 021.0
Tensile strength	> 4.5 MPa DIN 53 504
Ultimate elongation	ca. 350 % DIN 53 504

Technical data

G modulus (shear modulus)	ca. 3.0 (at 10% strain after curing) MPa
Resilience	ca. 99 % EN 27 389
Hardness, Shore A	ca. 75 DIN 53 505
Shelf life in original sealed container	18 months
Recommended storage temperature	0 - 35 °C

Areas of application
Bonding of windshields, rear windows and side windows to vehicle bodies (cars, trucks, the drivers' cabins of tractors/forklift trucks, and special vehicles). Bonding of side windows made from single pane and insulation glass in bus and train car construction. And the following makes of cars: Audi, BMW, Daimler Chrysler, Ford, Jaguar, Opel, Porsche, Renault, Saab, Seat, Škoda, Volvo, Volkswagen.

Application
1. Cleaner
The surfaces to be bonded must be dry, free from oil, dust, grease and other dirt residues. The glass surface or the ceramic coating is cleaned with Liquiclean or Cleaner and Thinner, part no. 6130, and finally with Window Cleaner Foam, part no. 1512, as are the bodywork flange or newly painted car-body components. We recommend also cleaning the remaining adhesive beading that has been trimmed back with Liquiclean or Cleaner and Thinner. Before applying the sealant or bonding the window, the cleaned bonding surface must be completely dry.

2. Priming/activation of pre-coated windows
Active Primer is required for adhesive pre-treating during window bonding. The Active Primer is included in the scope of delivery of the Window Repair Kit as a 10 ml stick. Shake Active Primer well for at least 45 seconds before use. Active Primer can be applied universally in the bonding area thinly and evenly (approx. 0.05 mm wet-film thickness) on the cleaned glass surface or ceramic screen printing, on the clean

paint surface of newly painted car-body components, on remaining adhesive beadings that have been trimmed back and pre-coated windows (PUR and RIM coatings). The primed surface must be allowed to air off for about 15 minutes before applying the Windshield Adhesive.
If the remaining adhesive beading was trimmed back more than 6 hours ago, pre-treatment with Active Primer is mandatory.

Available pack sizes

310 ml Cartridge aluminum	6139 D-GB-P-I
400 ml Bag aluminum	6140 D-GB-F-I-E-NL-P

Our information is based on thorough research and may be considered reliable, although not legally binding.

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