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TECHNICAL DATA SHEET

REV.3 03/09/2026

GELFLEX 345 FLASH

DEFINITION

One-component, polyurethane-based, fast-hardening adhesive/sealant that cures when exposed to atmospheric moisture.
Ideal for replacing windscreens and windows on vehicles with or without airbags and in general for gluing and sealing glass in the automotive, industrial, railway and nautical fields.

DRIVE AWAY TIME: 6 h

(23°C, 50% u.r., vehicles with double airbag)
Compliant with FMVSS 212.

PRODUCT BENEFITS

- Excellent adhesive strength.
- Solvent-free.
- Neutral polymerization: non-corrosive on surfaces
- Absorbs stress and tensions from thermal expansion and joining of different materials.
- Does not swell, does not shrink, does not sag.
- Good resistance to chemical and atmospheric agents
- Excellent resistance to water and salt spray

CHARACTERISTICS

- Appearance: Thixotropic paste
- Chemical nature: Polyurethane
- Colour: black
- Specific gravity: 1,22 ± 0,05 g/cm^3
- Operating temperature: -40°C up to +90°C, with short peaks at 120°C
- Hardness Shore A: 57
- Elongation at break: ~700 %

SUBSTRATE PREPARATION

The surfaces to be treated must be perfectly clean, dry, and degreased.

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

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QUALITY SYSTEM CERTIFICATION DNV ISO 9001

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Apply a suitable cleaner such as Cleaner Activator, on both surfaces to be joined with lint-free cloth. Let it dry before proceeding.
When the cleaner has dried, apply Black Glass Primer on both surfaces. Refer to the relevant documentation for the drying times of the products used and respect them.

APPLICATION

Application temperature: from +5°C to +40°C.
Apply Gelflex 345 Flash to the black ceramic edge of the windshield. Using the appropriate nozzle, extrude a triangular bead of sealant.
Wait at least 6 hours before using the vehicle.

DRYING TIME

- Skin forming time (23°C, 50% r.h.): 40-60 minutes
- Curing rate (23°C, 50% r.h.):3,5 mm/24h
- Drive-away time (23°C, 50% u.r.): 6 h

STORAGE

Store the product in a dry place, protected from direct sunlight, at temperatures in between 5°C and 35°C.

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