

LIQUI^{mate} Kraftkleber (Super Adhesive) 8000

DESCRIPTION

LIQUI^{mate} Super Adhesive 8000 is a single component, high-viscosity, air-moisture-cured polyethane-based adhesive/sealant for high-strength, permanently flexible, adhesive joints in the automotive industry. No primer is needed when bonding to conventional OEM paints.

PROPERTIES

- proven OEM quality
- extremely high UV resistance
- can be painted or lacquered over with most paint and lacquer systems
- sprayable
- skinning after 30 minutes
- reactive drying

TECHNICAL DATA

Base	:	polyurethane pre-polymers
Color	:	black
Form	:	paste-like
Odor	:	characteristic
Density at 20 °C	:	1.23 g/cm ³
Flash point	:	>100 °C
Dry solids content (GM 0.42.0)	:	>98 %
Extrusion viscosity (GM 001.0)	:	paste-like, pumpable at 12-18 g/min at 23°C
Rigidity	:	very good
Processing temperature	:	10 - 40 °C
Open time	:	max. 15 minutes at 23 °C/50 % r.h.
Skinning time	:	approx. 30 minutes at 23 °C/50 % r.h.
Through-curing rate	:	> 4 mm in 48 h at 23 °C/50 % r.h.
Shear strength (EN 1465)	:	At least: 5 N/mm ² at 23 °C/50 % r.h., 7d
Tensile strength (DIN 53 504)	:	9 +/- 1 N/mm ²
Ultimate elongation (DIN 53 504)	:	> 500 %
Shore A hardness (DIN 53 505)	:	approx. 60

Shanghai Jichuan Trading Co.,Ltd.

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Tear-propagation
resistance (DIN 53515) : approx. 15 N/mm
Heat resistance : -40 °C to +100 °C

Chemical resistance : good against aqueous chemicals, benzene,
alcohols and mineral oils;
partially good against esters, ketones,
aromatics and chlorinated hydrocarbons

Preparing the bonding surface : All bonding surfaces must be free of dirt, dust,
oil and grease and glass must be provided with
primer (tie) coat.

Cleaning : Uncured residues of LIQUI $mate$ 8000 super
adhesive can easily be removed using Cleaner
and Thinner. Cured residues can only be
removed by mechanical means.

Storage life : 12 months at +5 °C to +25 °C in unopened
containers
short periods 0 °C - 40 °C

APPLICATIONS

For firm, permanently elastic adhesive bonds (such as side panels, roof skins and
floors made of different materials on vehicles)

APPLICATION

LIQUI $mate$ 8000 Super Adhesive can be applied with a cartridge gun. Cartridges
which have been opened must be used up within a short time.

AVAILABLE PACK SIZE

LIQUI $mate$ 8000 Super Adhesive 310 ml cartridge Part. no. 6144

Processing equipment

- Cartridge gun for 310 ml PC, Part no. 6225
- Compressed-air cartridge gun for 310 ml PC, Part no. 6229
- Telescopic gun for 310 ml PC, Part no. 6230
- LIQUI-Akkufix for 310 ml PC, Part no. 6209

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