

POLYURETHANE WINDSHIELD SEALANT

SOLL SP11

Product information

Product Description:

SOLL SP11 is an excellent, non-sag, one-component, flexible and high performance polyurethane adhesive that cures on exposure to atmospheric moisture to form a tough, durable adhesive. Completely solvent free it is odourless and also non conductive allowing the correct bonding to glass incorporating radio antenna or additional electrical equipment.

- One-component Polyurethane
- Suitable for cold application
- Good stability/ workability – non sag
- Short cut-off string
- Suitable for use with integral aerials.
- Prevents contact corrosion in aluminium - body vehicles.

Drive Away Information :

- Drive Away Time: 3 hours (23°C and 50% Relative Humidity)
- On vehicles fitted with both Driver & Passenger Airbags
- Vehicle Glass weight below 35kg. Glass weight above 35kg contact Technical Department

Areas of Application:

SOLL SP11 is a versatile elastic Polyurethane based Adhesive for the bonding of front, side and rear glasses used in Commercial/Industrial vehicles. Suitable for elastic structural bonding (assembly of various materials which are subjected to high thermal and dynamic stress) in the Transportation Industry.

Technical data

- Chemical basis	Polyurethane
- Cure mechanism	Moisture curing
- Specific weight	1,26 0 ± 0,02 g/cm ³
- Tack free time at 23°C and 50% r.h.	≈ 35 min
- Curing at 23°C and 50% r.h.	≥ 3,0 mm/24h
- Hardness Shore A (DIN 53505)	55 ± 5
- E-modulus at 100%	1,70 ± 0,1 N/mm ²
- Tensile strength (DIN 53504):	7,5 ± 0,1 N/mm ²
- Lap shear strength (EN 1465)	≥ 5 ± 0,1 N/mm ²
- Elongation at break (DIN 53504)	≥ 600 %
- Electrical volume resistivity	≥ 10 ¹⁰ Ω cm
- Application temperature	+5°C to +35°C
- Temperature resistance	- 40°C / +80°C with brief points at 120°C

Instructions:

The surfaces to be treated should be perfectly clean, dry and free from dust and grease. It is necessary to apply Activator and Primer on glass. The adhesion on normal vehicle varnishes generally does not require the use of Primer. It is advisable to carry out preliminary adhesion tests on the support.

Colour Range - Packing :

Standard Colours:	Black
Alu-cartridge 310ml:	12 cartridges per box

Storage:

SOLL SP11 can be stored for 9 months in its original packing (unopened container) at 5° - 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

General Information:

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out.