

Product Description

ISPOFLEX 55/1 is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. It is no corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

- Bonding and sealing of fixed glass and body parts in automotive, trucks, busses, aeronautical and marine industry, farm and construction
- Also suitable for sealing in automotive, caravan, ship building and railway industry.
- Suitable for sealing, seam sealing, simple bonding as well as vibration reduction and sound deadening measures in crash body repair and car body construction.

Properties

- High cure rate
- Non-corrosion to substrates
- Good viscosity
- Excellent adhesion on glass and metal surface
- Excellent shear and tensile strength
- Excellent bonding performance
- Safe Drive Away Time 2h

Packaging

In 400 and 600ml aluminum sausage,
In 310 ml aluminum cartridge

Colors

Black

Shelf Life

Store the product in a cool and dry place.
The shelf life is 12 months at temperatures between +5°C and +25°C.

Caution

Keep out of reach of children.
Avoid contact with skin and eyes.
Use in well-ventilated places.
Do not breathe vapors.
Do not smoke when using the product.

Make sure you have read our MSDS carefully before using this product

Application Details

The application surface must be solid, clean, dry, and free of dust, oil, and grease. Apply a primer if necessary. If necessary, rub down metal surfaces before usage. Allow the substrate to dry after degreasing.

Usage

- Can be applied by a manual or pneumatic gun.
- It is suggested to use cartridge or sausage in 24 hours after opening.
- Do not apply at a temperature below -5 °C.
- In cold weather, store the packages at about 20 °C before use.
- Opened cartridges should be used the same day.
- For better appearance, cover outside of joint areas with masking taps before application.
- Cut nozzle to desired size and extrude sealant to joint areas. Tool immediately after sealant application, make it smooth and remove masking tape before sealant skins.

Cleaning

Tools can be cleaned with alcohol or acetone before the sealant has completely cured. After curing, abrasion is necessary.

Technical Information

Chemical Base	Polyurethane
Curing Mechanism	Moisture
Specific gravity (DIN 53479)	1,37 ± 0,03
Tack Free Time (25°C, 50% H.R)	20 min
Cure Rate (25°C, 50% H.R)	3.5 mm/24 hours
Hardness Shore A	55±5
Elongation at Break (ISO 37)	≥ 550 %
Tensile Strength (ISO 37)	≥ 5.2 Mpa
Application Temperature	-5 °C to +40°C
Temperature Resistance	-5 °C to +80 °C

