

Flexseal NS550

Neutral cure silicone sealant for car windshields



Description

Flexseal NS550 is a one-part neutral cure silicone sealant with excellent adhesion for car windshields. It cures on exposure to moisture to form a waterproof and durable silicone rubber.

Applications

Flexseal NS550 has been specially designed for automotive glass replacement. It is ideal for use in windshields, sunroofs and windows as well as general purpose sealing.

Method of Use

Joint Preparation

The joint surfaces must be clean, dry and free from dust, oil, grease and all contamination. Remove any previously damaged glass from the joint in accordance with the manufacturer's instructions.

Primers may be required on some substrates.

Application

Flexseal NS550 is supplied in cartridges and can be applied into the joint using a skeleton gun. Cut-off the cartridge top then the nozzle to required size.

Attach the nozzle to the cartridge. Extrude the sealant firmly against the joint surfaces to ensure complete contact.

Tool the sealant into the joint to compact and achieve a good surface finish. Tool within 15 minutes from the application of the sealant.

It is recommended to use masking tape on each side of the joint to maintain a clean and uniform joint side. Remove the masking tape directly after tooling the sealant.

Cleaning

Uncured sealant can be removed using DCP solvent, cured sealant should be removed mechanically.

Packaging

Flexseal NS550 is available in 280 ml cartridges.

Technical Properties:

Specific gravity:	1.4 ± 0.05
Elongation: ASTM D412	> 550%
Tensile strength: ASTM D412	1.2 MPa
Shore A hardness: ASTM D2240	35 ± 5
Curing rate:	1 - 2 mm/day
Skin over time:	25 min
UV resistance:	Excellent

Storage

Flexseal NS550 has a shelf life of 9 months from the date of manufacture if stored in original unopened packages stored in a cool, dry place out of direct sunlight (at temperatures below 25°C).

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

Cautions

Health and Safety

During curing, vapours of methylethylketoxime are released, these vapours should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. If Flexseal NS550 comes into contact the eyes, flush with copious volumes of cold water and obtain medical attention.

For further information refer to the Material Safety Data Sheet.

Fire

Flexseal NS550 is nonflammable.

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