

Technical data sheet Alte Temperature
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ALTE TEMPERATURE

High-temperature resistant elastic silicone gasket

DESCRIPTION

Elastic, one-component sealing silicone adhesive; cross-linking "Acetic" type, by reaction at room temperature, with the humidity contained in the air (consequent development of Acetic Acid).

AREAS OF APPLICATION

For elastic joints of surfaces subject to high operating temperatures (ovens, exchangers, steam circuits, etc.). Suitable for professional use in various sectors: automotive, aeronautics, railway, chemical etc.

FEATURES

- Resistant up to 300°C
- Even large expansions
- Non-sagging

TECHNICAL DATA

Appearance	Thixotropic paste without casting
Colour	Black, red
Specific gravity [g/cm ³] (NPT Method 06) (23°C and 50% RH)	Ca. 1.03
Extrusion [g/min] (hole 6mm/2 bar)	Ca. 250
Skin time [min] (NPT Method 17) (23°C and 50% RH)	Ca. 15
Curing through volume [mm] (NPT Method 07) (24h - 23°C and 50% RH)	>3
Shore A [°] (DIN 53505)	20-25
Elastic modulus at 100 % [N/mm ²] (ISO 8339)	Ca. 0.47
Elongation at break [%] (ISO 8339)	Ca. 250
Temperature resistance [°C]	-40 ÷ 250
With high of	max 300
Application temperatures [°C]	+5 ÷ +40

APPLICATION

For maximum adhesion performance, the surfaces concerned must be dry and clean. In particular, degreasing solvents can be used to remove grease or oil. Smooth with soap and water solution; for cleaning, use a cloth soaked in white spirit. In the presence of adhesion problems on particular surfaces, it is advisable to consult the manufacturer for the choice of a specific primer.

CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

Clean the tools used with white spirit. Once hardened, the product can only be removed mechanically. Avoid contact with the skin by using latex, rubber or polyethylene gloves. If it comes into contact with the skin, simply remove and wash with soap and water.

PACKAGING

Cartridge 300 ml	12 pcs per box
Tube 60 ml	12 pcs per box
Tube 60 ml in blister	12 pcs per box
Tube 60 ml in beehive	24 and 100 pcs. per box

STORAGE AND SHELF LIFE

Silicone Alte Temperature can be stored for 18 months in the original packaging in a cool, dry place. Keep away from humidity, heat sources and direct sunlight.

GENERAL INFORMATION

The information contained in this data sheet represents the best of our knowledge. However, this document cannot be regarded as a guarantee that the product will be used and applied in accordance with the instructions provided. Successful application is beyond our control and depends on many factors. We accept no responsibility for the misuse of the product, the recommendations in this document should be considered general guidelines. If any doubts remain, please carry out preliminary tests. NPT Srl, reserves the right to modify and update the data sheet without prior notice. Customers are kindly requested to check that they have the latest version.

ALWAYS CONSULT THE SAFETY DATA SHEET BEFORE USING THE PRODUCT