



EXPERIENCE TO PERFORM

TECHNICAL DATA SHEET

SEAL 5552 BLACK

NEUTRAL SILICON SEAL

- PRODUCT DESCRIPTION

RTV neutral silicone seal with oxime cross-linking. It forms seals of any thickness. It fills micro-spaces caused by unevenness, replacing all types of preformed sealant. It hardens without any loss of volume. It cross links at low temperatures due to the action of moisture. It enables dynamic and elastic couplings to be formed.

- MEKO free technology
- Not corrosive
- It is resistant to mineral and synthetic lubricants.
- High modulus
- Adhesive
- Solvent free

- FIELDS OF USE

As a replacement or as adjuvant for any type of preformed sealant. Particularly recommended for sealing the oil pan and the differentials. Recommended also for sealing, in automotive or in industrial machines, of transmissions, hydraulic systems, radiators. Also suitable for long lasting sealing and bonding external parts such as lights. Suitable for sealing of electronic components and contact isolation.

Excellent adhesion on steel, aluminum, polyamide, PET, polycarbonate, polyester but also glass and ceramics.

- TECHNICAL SPECIFICATIONS

(before cross-linking)

- | | |
|------------------|-------------------|
| • Appearance | Thixotropic paste |
| • Color | Black |
| • Odor | Typical |
| • Cross-linking | Oxime |
| • Density | 1,33 g/ml |
| • Extrusion rate | 75 g/min |

(after 7 days)

- | | |
|---------------------------|---------|
| • Shore A hardness | 40 |
| • Elongation at break | 350% |
| • Tensile strength | 1,6 MPa |
| • Modulus 100% elongation | 0,9 MPa |

(implementation)

- | | |
|--------------------------------|---------------|
| • Skin formation | 2 min * |
| • Cross-linking time 2 mm film | 6 h * |
| • Cross-linking time | 3.5 mm/24 h * |
| • Temperature resistance | |
| - continuous | -50° ÷ +200°C |
| - peaks | up to 250°C |

*temperature 23°C – Relative humidity 50%

(after 72 h in oil 5W-30 at 150°C)

- | | |
|-----------------------|----------|
| • Shore A hardness | 18 |
| • Elongation at break | 550% |
| • Tensile strength | 0,85 MPa |
| • Volume variation | 12% |

- METHOD OF USE

Use on clean and grease-free surfaces. Apply the product to one of the two parts, wait dry-touch, and assemble. It is also possible to assemble after complete vulcanization. In this case it will be possible to disassemble in the future without destruction of the seal.

Note: cross-linking begins as soon as the product are in contact with atmospheric humidity, between 2 and 4 minutes. After exposure this time the product is no longer workable.

- STORAGE

Unopened and stored at a temperature of between +2°C and +30° and away from direct sunlight: 12 months

- PACKAGING

Aluminum tube
Cod.0075 70 ml

- NOTES

For information on product safety, please consult Material Safety Data Sheet.

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The data contained herein are the result of technological research by our laboratories and are given for informative purposes only. We exclude any liability deriving from the incorrect choice or application of the product and from the lack of the necessary precautions, which should be carefully checked by the user. For information, please contact our Technical Dept. on no. +39 02924361

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