

Technical Datasheet

Dirko™ HT | the permanently-elastic, temperature-resistant sealing compound



Description and field of application

Dirko™ HT is a high-temperature sealing compound on a silicone base. Dirko™ HT cures by reacting with the humidity in the air. The cured sealing compound is permanently resilient. The product is characterized by a very large range of applications.

1. General product information

Chemical basis	Acetoxy silicone
Curing	Room temperature vulcanized (RTV)
Components	One component
Color	Red
Consistency	Pasty, stable, in the cured state permanently resilient
Temperature range	-60°C to +280°C (briefly +315°C)
Maximum sealing gap	2.0 mm
Electrical conductivity	Insulating
Resistant to	Oil, grease, coolant, UV radiation, cold and hot water, salt water, detergents, weak acids and lyes, etc.
Possible applications	Valve cover, oil pan, water and oil pump, differential housing, gearbox, gear oil sump, thermostat housing, control housing, shaft cover, flanged connection, headlamp, tail light, battery compartment, etc.

Elring Sealing Compound
Dirko™ HT



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2. Technical data

Measurable variables	Value	Test standard
Shore A hardness	36-46 Shore	DIN 53505
Density	1.30 g/ml	DIN 53479
Skin formation time (23°C, 50% relative humidity)	5-15 min	ISO 291
Volume shrinkage	4%	DIN 52451
Tensile strength	1.3 N/mm ²	DIN 52455

3. Usage instructions

- Remove sealant residues and clean the sealing surfaces with solvent.
- The sealing surfaces must be clean, dry and free from oil and grease before the sealant compound is applied.
- Apply the sealant compound continuously and uniformly.
- Immediately remove excessively applied sealing compound, as there is a risk that this may drip inside.
- Fit components in accordance with the manufacturer's specifications.
- An immediate sealing function applies.
- Close the sealing compound after use.
- Safety and technical data sheet at www.elring.de

4. Storage

- Optimum storage conditions: cool (+5°C to +25°C) and dry
- Minimum shelf life: 12 months in unopened containers

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5. Type of delivery

Article No.	Type of packaging	Filling quantity	Packaging unit	Languages (warnings for hazardous materials)
705.707	Tube, long and short nozzle, tube key	70 ml	12 pieces	BG/DK/DE/ EN/FR/EL/IT/HR/LT/LV/ NL/PL/ PT/RO/RU/ SE/SK/ES/ CZ/HU
465.765	Cartridge, nozzle	310 ml	12 pieces	BG/DK/DE/ EN/FR/EL/IT/HR/LT/LV/ NL/PL/PT/ RO/RU/SE/ SK/ES/CZ/ HU

Large containers on request

6. Exclusion of liability

The details provided above in this technical data sheet, in particular proposals for the processing and range of use of our products, are based on our current knowledge and experience. Due to the range of possible applications and the conditions of use and work which are beyond our control, we do not accept any liability for the suitability of our products for the relevant production processes under the specific operating conditions as well as for the intended processing purposes and results. To ensure such suitability, in any event we recommend carrying out adequate prior suitability trials and tests.

Any liability arising from the information in this technical data sheet and from other written or verbal advice for this product is expressly excluded, unless something else was contractually agreed individually, where loss of life, injury or damage to health exists, unless caused by us intentionally or due to gross negligence, or liability applies according to mandatory product liability regulations.



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