



TECHNICAL DATA

HIGH TEMP GASKET

High Temperature Sealant

High Temp Gasket is a high-quality, elastic, single component, silicone-based sealant.

High Temp Gasket is particularly well suited for joint seals where cold or extreme high temperatures can occur.

High Temp Gasket reacts with air moisture and vulcanises to a permanently elastic sealant. There is no danger of corrosion.

FEATURES:

- Is suitable for outdoor and indoor applications.
- Provides good adhesion to a wide variety of materials including glass, glazed ceramic, concrete, stone, artificial stone, zinc, aluminium, steel, non-ferrous metals, wood, plastics and rigid PVC.

APPLICATION EXAMPLES:

- Establishing a seal on transmission housings, uprights, spur gear cover, compressors, oil pans, valve covers and water pumps.
- Sealing lights and lamp housings.
- Sealing oven doors, heating and ventilation pipes.
- General sealing works on heating installations.

TECHNICAL DATA:

Basis:	Acetoxy	
Consistency:	Thixotropic Paste	
Appearance:	Black	
Density:	1.08g/m	
Skin Form:	15 min	(23°C / 55% rel. humidity)
Cure after 24 Std.:	3,5 mm	(23°C / 55% rel. humidity)
Temperature Resistance:	-60°C to +300°C	(after complete cure)
Temperature Resistance (intermittent):	to +330°C	
Recommended Operating Temperature:	+5 to +40°C	

Mechanical Properties:

Shore Strength A:	29	
Modulus 100%:	0.5 MPa	DIN53504
Elongation at Break:	400%	DIN53504
Tensile Strength:	2,10 MPa	DIN53504



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Instructions for use:

The surface must be clean, dry and free from contaminants such as oil, rust or grease. Highly absorbent and porous surfaces must be prepared with a moderately temperature adjusted primer. The sealed joints should be at least 4mm wide and 4mm deep. The maximum joint width shall not exceed 30mm and the maximum joint depth 10mm. The depth of joints exceeding 10mm should not exceed half of the width of the joint. A heat-resistant backfill material (such as ceramic band) should be pressed into the joints prior to sealing. It is advisable to cover the joint edges with masking tape in order to ensure a clean and straight seal. The sealant must be applied so that enough pressure is applied to the joint flanks. It is particularly important to ensure that no air bubbles are in the grout. The applied sealant should be immediately flattened with a spatula. Masking tapes should be immediately removed after application. For bonding, a vertical, caterpillar-shaped application is recommended to ensure enough supply of humidity during the networking.

Restoration option: With the same material.

Restrictions: Avoid contact with solvent cleaner during the curing phase. Not suitable for gaps with a depth of greater than 10mm. After heat exposure, a slight color change is possible. Hydrocarbon resistance must be checked. Can expand when in contact with pure glycol or undiluted coolant.

Cleaning:

Alcohol has proved worthwhile for the cleaning and degreasing of most non-absorbent surfaces. Hardened sealant can only be removed mechanically. Wash hands with soap and water.

Priming:

With non-absorbent surfaces such as glass no primer is required in most cases. Highly absorbent and porous surfaces should be treated accordingly using a temperature-resistant primer if required (please consult us).

Working Temperature:

Ideal + 5°C to + 40°C.

Storage:

High Temp Gasket should be stored unopened in the original packaging in a cool and dry place. Recommended storage temperature +5°C to +25°C. The shelf life is at least 12 months (in compliance with the above mentioned storage conditions).

Health and safety: The product contains 2-Butanonoxim. May cause allergic reactions. Special hazards for people and the environment: no risk classification in accordance with the 28 adjustment policy of the substances directive 67/548/EEC. For more security issues is a safety data sheet is available.

General information: The information contained herein serves merely as an indication and is given to the best of knowledge. The users must test the suitability of the product for her/its/their respective application independently however. All products purchased from or supplied by Nohtec are subject to terms and conditions set out in the contract. Nohtec warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Nohtec is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Nohtec makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will infringe any patent.