

HYLOSIL 607

Automotive Oxime curing RTV silicone sealant

Description

Hylomar 607 is a neutral, non-corrosive, low odour, Room Temperature Vulcanising, (RTV) silicone sealant/adhesive. It is a high performance engineering grade which is used in the automotive industry and for general manufacturing. It can also be used in a variety of applications and is particularly suitable for high strength applications in odour sensitive environments.

Hylomar Silicone Sealant 607 is a special purpose adhesive and sealant that can be used for a variety of applications. It has good resistance to oils and aqueous anti-freeze agents

Unlike general-purpose silicone sealants, Hylomar Silicone Sealant 607 contains no solvents and does not evolve acetic acid during cure.

Typical Properties, Uncured Product

Colour	Black
Consistency	Non-slump paste
Cross Linking System	Oxime
Specific Gravity (DIN 53479)	1.17
Extrusion Rate 3mm orifice @ 60 psi (BS 3712: Part 1)	85 g/minute
Skin Forming Time at 23°C(73.4°F)/50% RH (BS 5889)	10 minutes
Cure Rate @ 25°C(77°F) and 60% RH	3mm per 24 hours

Cured Product

Tensile Strength DIN 53505, S3A	2.10 N/mm ²
Elongation @ Break DIN 53504, S3A	400%
E Modulus @ 100% Elongation DIN 53504, S3A	1.39 N/mm ²
Hardness Shore A DIN 53505	34 ⁰
Shrinkage DIN 53504, S3A	3%
Typical temperature Range	-40°C to 250°C (-40°F to 482°F)

Instructions for use

Ensure both surfaces to be bonded are clean, dry and free from contamination such as oil or grease. The compound can be applied to form any size or shape of gasket. Apply a bead directly onto one surface. Once applied, the joint should be assembled without delay.

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the data present herein.

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Care should be taken to ensure any excess compound does not extrude internally and foul any internal oil-ways or other channels and cause blockages. Any excess external product can be wiped away with a damp cloth.

Typical Applications

Gasketing and sealing compound for automotive and engineering applications. The compound readily adheres to most substrates.

Handling and Safety Properties

For further information please see the safety data sheet.

The shelf life of Hylosil RTV 607 is 18 months when stored in original unopened containers between 5°C and 25°C (41°F and 77°F).

Packaging

Hylomar RTV Silicone Sealant 607 is available in; 300ml (10.14fl.oz) Cartridges and 17 litre (574.84fl.oz) kegs. For full details please contact our sales department.

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