

HYLOSIL INSTANT GASKET

Acetoxy curing RTV silicone sealant

Description

Hylosil Instant Gasket is a Room Temperature Vulcanising (RTV) general purpose silicone sealant. Once applied the compound reacts with atmospheric moisture, to form a tough, durable rubber seal. It has excellent adhesion to metals, glass, ceramics and plastics. The compound has large gap filling properties which makes it ideal for application to non-machined surfaces and even as cast surfaces.

Hylosil Instant Gasket is resistant to oil, water and lubricants. It will remain flexible to withstand vibration

Typical Properties, Uncured Product

Colour	Translucent
Consistency	Non-slump paste
Cross Linking System	Acetoxy
Specific Gravity (DIN 53479)	1.03 g/ml
Solids Content	100%
Extrusion Rate 3mm orifice @ 60 psi	78 g/minute
Skin Forming Time at 23°C/50% RH	6 minutes
Cure Rate @ 25°C and 60% RH	3mm per 24 hours

Cured Product

Tensile Strength DIN 53505, S3A	1.9 N/mm ²
Elongation @ Break DIN 53504, S3A	460%
E Modulus @ 100% Elongation DIN 53504, S3A	0.4 N/mm ²
Hardness Shore A DIN 53505	22°
Tear Strength ASTM D 624, Form B	5 N/mm ²
Shrinkage DIN 53504, S3A	3%
Typical temperature Range	-40° to 240°C
Ignition Temperature DIN 51794	460°C

Instructions for use

Surface should be clean, dry and free from contamination such as oil or grease. Once applied in Gasket applications, 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.

Hylomar Ltd, Cale Lane, Wigan WN2 1JT UK Tel: +44 (0) 1942 617000 Fax: +44 (0) 1942 617001	Revision date	25.03.2009	Page 1 of 2
	Product name	Hylosil Instant Gasket	

Care should be taken when applying the compound to ensure any excess product will not foul any internal channels and cause blockages. Any excess uncured product extruded externally can be wiped away with a damp cloth.

When stripping assemblies sealed with, Hylosil Instant Gasket carefully scrape away as much as of the cured product as possible. The remaining compound can be softened and removed using Silicone Sealant Remover.

Typical Applications

Hylosil Instant Gasket is a general purpose adhesive and sealant with many applications in building, engineering and the automotive industry. It has excellent adhesion without primer to metals, glass, ceramics and most rigid plastics. The cured compound is resistant to many solvents, oil, water and lubricants.

Handling and Safety Properties

Not classified according to CHIP 3.1 2005.

Risk Phrases: None.

Safety Phrases: S26 & S28.

Packaging

Hylosil Instant Gasket is available in 40ml tube blister packs.

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