

**HYLOMAR SILICONE SEALANT 303 & INSTANT GASKET****Description**

Hylomar Silicone Sealant 303 is a Room Temperature Vulcanising (RTV) general purpose silicone sealant. Once applied the compound reacts with atmospheric moisture to form a tough and 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.

Hylomar RTV Silicone Sealant 303 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 <sup>2</sup>
Elongation @ Break DIN 53504, S3A	460%
E Modulus @ 100% Elongation DIN 53504, S3A	0.4 N/mm <sup>2</sup>
Hardness Shore A DIN 53505	22°
Tear Strength ASTM D 624, Form B	5 N/mm <sup>2</sup>
Shrinkage DIN 53504, S3A	3%
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.

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 Hylomar Silicone Sealant 303, 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**

Hylomar Silicone Sealant 303 is a general purpose adhesive 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 1994. Phrases = R nil. S26 & S28.

### **Packages**

Hylomar Silicone Sealant 303 is available in 100ml tubes, 300ml cartridges and 17 litre kegs.

#### **HYLOMAR LIMITED**

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