

**HEAT RESISTANT SILICONE**

Colour	Product Code	Pack Size	Box Qty
Black	PHEATSIL	125ml	12

**Product Description**

PURIMACHOS HEAT RESISTANT SILICONE is a high temperature resistant silicone, heat stable up to 300°C.

**Benefits**

- Permanently flexible.
- Temperature resistant up to 300°C.
- Quick curing, tack free within 1 hour.
- Excellent adhesion to most non porous surfaces.

**Areas For Use**

- For joints and assemblies which must be resistant to high temperatures in ducting, metal chimneys, industrial/domestic ovens, heating appliances.
- As a gasket sealant.

**Limitations**

- Do not use on porous surfaces such as brick, concrete and stone.
- Do not use on soft metals such as lead.
- Do not use on surfaces that bleed oils or plasticizers.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for advice.

**Surface Preparation**

The surfaces to be must be clean, dry and free from dust, grease and other contaminants. Improve adhesion by wiping surface with white spirits. Priming is generally not required, although we always advise testing small areas prior to use.

**Application**

- Cut the tip of the cartridge taking care not to damage the thread.
- Apply nozzle and cut cleanly at an angle of 45 degrees with an opening slightly larger than the gap to be sealed.
- Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surfaces to be sealed.
- To ensure a proper bond, always smooth down sealant using a spatula or piece of wood wetted with soap and water solution.
- Tool down within 15 minutes of application.

- An improved appearance can be achieved by placing masking tape to both sides of the joint, removing within 5 minutes of application.

#### Specific Data

<b>Movement Accommodation</b>	+ or – 20%
<b>Skinning Time</b>	5 mins @ 20°C
<b>Cure Time</b>	3mm per 24 hours
<b>Hardness Shore A</b>	23
<b>Shrinkage</b>	<5%
<b>Service Temperature Resistance</b>	-50 to +300°C
<b>Application Temperature</b>	+ 5 to 40°C
<b>Tensile Strength</b>	1.0 Mpa
<b>Stress</b>	0.3 Mpa
<b>Specific Gravity</b>	1.04
<b>Cleaning</b>	Uncured sealant: white spirit Cured sealant: Silicone Eater
<b>Minimum Joint Width</b>	6mm
<b>Maximum Joint Width</b>	30mm
<b>Joint Ratio</b>	Maximum depth 50% of joint width
<b>Coverage</b>	@ 11 linear metres from a 6mm bead

#### Health & Safety

Consult MSDS for full list of hazards.

#### Storage

#### Shelf Life

Up to 12 months when stored according to manufacturers instructions.

*The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.*