

# Heatmate Silicone

## Product Description

EVERFLEX HEATMATE SILICONE is a high modulus, reactive curing silicone sealant specifically designed for high temperature applications. HEATMATE cures quickly to reduce dirt pick up. It remains permanently flexible, forming a weathertight rubber-like seal.

## Benefits

- Excellent temperature resistance: remains flexible from -50 - +300oC
- Extremely low dirt pick up. – 1 hour tack free.
- Orange/red colour – for easy installation identification.
- Excellent adhesion to non-porous surfaces.
- Waterproof seal

## Areas For Use

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

## Limitations

- Do not use on porous surfaces such as brick, concrete and stone.
- Do not use in conjunction with bitumen, lead or Asphalt.
- Not for use on substrates that may bleed oils, solvent or plasticisers.
- Do not use on soft metals such as lead or brass.
- On temperatures above 285oC, slight discolouration may occur, but the joint will maintain its integrity.
- Do not use above 300oC.

## Surface Preparation

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Highly porous substrates such as new plaster should first be primed with a dilution of Caulk with water at a ratio of 1:2. Can be applied to slightly damp surfaces.

## Application

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.

Joint design should be as follows:

Minimum width: 6mm. Movement capacity will be impaired if the depth of the joint is greater than the width. For maximum movement accommodation, it is recommended that:

1. The joint depth should be no less than 5mm
2. Joint depth should be 5mm for joints up to 10mm wide
3. Joints above 10mm in width should be half the width in depth up to 20mm and minimum 10mm for wider joints

Triangular fillets should be no less than 12mm across the face and should be finished with a flat or convex face.

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut at an angle of 45o 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 trigger and keeping the gun at a constant angle to the surface being sealed. To ensure a proper bond, always smooth the sealant down with a spatula or piece of wood wetted with linseed oil or white spirits. An improved joint appearance can be achieved by placing masking tape to both sides of the joint, removing within 5 minutes of application



## Price

Heat Mate Black Per Box Of 12 (Product reference 3486-5600)	£110.95
Heat Mate Black Per 310ml Tube (Product reference 3486-5601)	£10.88
Heat Mate Red Per 310ml Tube (Product reference 3486-29359)	£12.92
Heat Mate Black Per Box of 12 (Product reference 3486-29360)	£130.35