

## Flex Seal 300 Adhesive Silicone Sealer

- A Cartridge applied High Temperature Resistant RTV Silicone Based Sealant/ Adhesive.
- Designed for use where a flexible bond is required together with high temperature resistance.
- Non-slump paste
- Excellent adhesion between most substrates.
- Suitable for gap filling applications and jointing materials of different thermal expansions.
- A maximum continuous operating temperature of 300°C
- Flexseal 300 (White) is a FDA Compliant 'food safe' adhesive sealant.

### Typically Used for

- Flues
- Ducting
- Electrical Insulation
- Fixing Ceramic Rope
- Gasketing
- Jointing Metals, Glass, Ceramics & Polymers



<b>Max. Continuous Temperature</b>	300°C	<b>Min. Continuous Temperature</b>	-60°C	<b>Wet Density</b>	1.20g/cm <sup>3</sup>
<b>Coverage rate</b>	45m @ 3mm diam. Bead	<b>Shrinkage</b>	0.8%	<b>Tensile strength</b>	2.30MPa
<b>Modulus @ Elongation</b>	0.94MPa	<b>Elongation at Break</b>	290%	<b>Packaging</b>	75ml Euro Cartridge

### Guidelines for Use:

#### Application:

- Thoroughly Clean and degrease surfaces to be bonded or sealed.
- A light surface abrasion of the material to be bonded will increase the surface area available for adhesion and improve mechanical key.
- Apply the sealant as supplied to all surfaces to be bonded and complete tooling within 5 -10 minutes.
- Clean any unwanted silicone immediately using xylene and a cloth.
- Apply moderate pressure to ensure even anchorage and solid contact of the surfaces to be bonded, so that all surfaces are fully wetted.
- Curing starts at the surface and work inward. Humidity and ambient temperature can alter curing rate.
- Always work in a well-ventilated area.

#### Curing Schedule and Storage:

The curing of this product may vary depending on temperature, humidity, porosity of substrates, glue line thickness and area etc. A rough guide for typical applications at room temperature and average humidity would be approximately 36-48 hours.

Once Cured, the strength of the silicone will continue to increase for up to 7 days. Curing may be accelerated by the application of gentle heat (do not exceed 70°C).

Once opened this product is moisture sensitive. Avoid continuous contact with air.

Product should be stored in original packaging between 5—30°C. Shelf Life—12 Months.