

# TECHNICAL DATA SHEET

## Flowsil Self Levelling RTV Sealant & Coating

### Non corrosive silicone sealant for electronic applications

Flowsil 1620 is a non-corrosive, self levelling 1-Part, room temperature curing RTV silicone sealant and coating. It exhibits excellent adhesive properties to many substrates It is recommended for electronic and electrical assemblies where a non-corrosive self levelling coating or sealant is required in mechanical assembly Flowsil will run in to seal where standard silicone sealants cannot reach

#### Typical Uses

- Environmental protection of PCB's and electronic equipment
- Weatherproofing,insulating cable connectors and high voltage equipment
- Ingress protection of control gear, switches etc
- Sealing & coating where a self levelling RTV is required

#### Uncured Product

Colour:	Translucent clear
Viscosity:	26,000 mPas
Tack Free Time:	20 minutes
3mm Cure Through:	24 hours
Shelf Life unopened @ 25°C:	6 Months



#### Cured Elastomer

(after 7 days cure at 23+/-2°C and 65% relative humidity)

Tensile Strength:	BS903 Part A2	2.0 MPa
Elongation at Break :	BS903 Part A2	400 %
Tear Strength:	BS903 Part A3	3.3 kN/m
Hardness:	ASTM D 2240-95	25° Shore A
Specific Gravity:	BS 903 Part A1	1.04
Linear Shrinkage:	0.78 %	
Thermal Conductivity:	0.20 W/mK	
Coefficient of Thermal Expansion:-		
Volumetric:	872 ppm / °C	
Linear	291 ppm / °C	
Min. Service Temperature:	-55 °C	
Max. Service Temperature:	AFS 1540B	220 °C
Dielectric Strength:	ASTM D-149	18 kV/mm

**Packages** – 310 ml cartridges and 20 litre and 200 litre bulk containers

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, and that the actual conditions of use are suitable.



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