

# Technical Data



## Flowsil 1620

Flowable, Non-Corrosive RTV Silicone Sealant / Coating

### Description

Flowsil 1620 is a non-corrosive, 1-Part, room temperature vulcanising (RTV) silicone rubber. It exhibits excellent primer-less adhesive properties to many substrates. It is recommended for electronic and electrical assemblies where a non-corrosive self levelling adhesive or sealant is required.

#### Key Features:

- Non acid curing system
- Excellent flowing properties around electronic components
- High temperature resistance up to 220°C
- Superior electrical resistance

### Uncured Properties

Appearance	:	Self levelling/syrup like
Colour	:	Translucent
Viscosity	:	35,000cps
Solids Content, % w/w	:	100
Tack Free Time, minutes	:	<25 at 65% RH and 15 to 25°C
Curing time	:	2mm per 24 hours

### Cured Properties

(Based on typical values for a 3mm sheet cured at 23°C and 65% Relative Humidity for 7 days)

Tensile Strength, MPa (psi)	:	1.6 (16)
Hardness, Shore A	:	22 approx
Specific Gravity	:	1.04
Dielectric Strength	:	20 kV/mm
Temperature Range	:	-55 to +220°C (260°C intermittent)

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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