

TECHNICAL DATA SHEET

RTV 382 Heat Resistant Adhesive Sealant

Non corrosive silicone sealant for engineering applications

RTV 382 is a neutral curing 1 part silicone adhesive sealant and gasket maker. Unlike many RTV's this product does not give off acid and is therefore safe to consider for use on electrical applications or on corrosion sensitive metals such as aluminium. RTV 382 gives excellent bonds to glass, metal, silicone rubber and most rigid plastics. It will remain flexible and retain it's physical properties up to 260C.

RTV 382 has **NATO stock classification NSN 6850-99-519-690** it also meets UL 94 HB Flame Retardancy

Typical Uses

- Sealing of heating and ventilation equipment, ductwork chimneys and flues
- Weatherproofing,insulating cable connectors and high voltage equipment
- Oil and chemical resistant gasket making
- Sealing and bonding on vibration prone machines and appliances

For detailed information on
chemical resistance and adhesive
properties please visit:
www.intek-uk.com

Uncured Product

Colour:	Translucent Clear
Appearance:	Thixotropic Paste
Tack Free Time:	30 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	1.9 MPa
Elongation at Break :	BS903 Part A2	300 %
Tear Strength:	BS903 Part A3	4.8 kN/m
Hardness:	ASTM D 2240-95	33° Shore A
Specific Gravity:	BS 903 Part A1	1.07
Linear Shrinkage:	0.8 %	
Thermal Conductivity:	0.2 W/mK	
Coefficient of Thermal Expansion:-		
Volumetric:	888 ppm / °C	
Linear	295 ppm / °C	
Min. Service Temperature:	-55 °C	
Max. Service Temperature:	AFS 1540B	260 °C (315 intermittent)
Dielectric Strength:	ASTM D-149	18 kV/mm

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

Shelf Life – 6 month unopened in **cool dry conditions**

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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