

TECHNICAL DATA SHEET

RTV 382 Non Corrosive RTV Silicone Adhesive Sealant

Non corrosive silicone sealant for engineering applications

RTV 382 is a non corrosive, neutral cure RTV silicone sealant with excellent adhesive properties. Use RTV 382 to bond, seal, fix in place and insulate electronic parts. Being a neutral cure product containing no acid there is little chance of corrosion to electrical / electronic components and will offer vibration resistant bonds for coils & PCB's. RTV 382 has NATO stock classification NSN 6850-99-519-6905 for a non corrosive silicone sealant in military applications and is flame retardant (meets **UL 94 HB**)

Typical applications include:

- Weatherproofing and insulating cable connectors & high voltage equipment
- Vibration proofing and fixing place copper coils and larger components
- Electrically insulating bare wires and connections
- Meets UL 94 HB requirements for flame retardancy
- Forming environmental seals on PCB boxes and electrical equipment

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:	0.20 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
Dissipation Factor	ASTM D-150	1E-2

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.



01670 734400



+44 (0) 1670 734400

Intek Adhesives Ltd | Unit 20 Atley Business Park | Cramlington | Northumberland | NE23 1WP

enquiry@intek-uk.com

www.intek-uk.com