

# Intek Adhesives Ltd

RTV Silicones to Bond, Seal, Insulate & Weatherproof



## XTS 320

### Extra High Temperature RTV Silicone Adhesive & Sealant

XTS 320 is an exceptional product designed to bond, seal, weatherproof and make gaskets. XTS 320 has excellent electrical insulation properties and because it is virtually unaffected by temperature, weather extremes, oil, chemicals or aging it performs under severe operating conditions. Our special formulation allows XTS 320 to withstand temperature variations of **- 55 to + 320°C (350°C Intermittently)** and its non slump paste viscosity allows it to be applied vertically or overhead with faster curing times than most other neutral curing RTV silicones. **NATO Stock Code: NSN 5970-99-224-1408.**

#### 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

#### Uncured Product

Colour:	Orange/Tan
Appearance:	Thixotropic Paste
Tack Free Time:	15 minutes
3mm Cure Through:	24 hours
Shelf Life unopened @ 25°C:	12 Months

#### Cured Elastomer

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

Tensile Strength:	BS903 Part A2	2.8 MPa
Elongation at Break :	BS903 Part A2	250 %
Youngs Modulus:	0.49 MPa	
Modulus at 100% Strain:	BS903 Part A2	0.84 MPa
Tear Strength:	BS903 Part A3	4.53 kN/m
Hardness:	ASTM D 2240-95	35° Shore A
Specific Gravity:	BS 903 Part A1	1.20
Linear Shrinkage:	0.78 %	
Thermal Conductivity:	0.30 W/mK	
Coefficient of Thermal Expansion:-		
Volumetric:	772 ppm / °C	
Linear	257 ppm / °C	
Min. Service Temperature:	-55 °C	
Max. Service Temperature:	AFS 1540B	320 °C (350 intermittent)
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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TECHNICAL DATA