

TECHNICAL DATA SHEET

XTS 320 Heat, Oil and chemical resistant RTV

Non corrosive silicone sealant for engineering applications

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 6850-99-802-2928

Complies with MIL-A 46106 Group III Type I *

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:	20 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:	2.7 MPa
Elongation at Break :	250 %
Hardness:	35° Shore A
Specific Gravity:	1.20
Linear Shrinkage:	0.80 %
Thermal Conductivity:	0.30 W/mK
Min. Service Temperature:	-55 °C
Max. Service Temperature:	320 °C (350 intermittent)
Dielectric Strength:	>18 kV/mm

Packages – 310 ml cartridges

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.

*Testing for referenced MIL Spec is performed in accordance with internal quality test methods, laboratory conditions, and procedures, frequency and sampling, which are not necessarily identical with the methods, conditions, procedures, frequency and sampling stated or referenced in the listed specification.



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