

Technical Data



XTS 320

Extra High Temperature RTV Silicone Adhesive, Sealant & Gasket Maker
High Strength, Non Corrosive and Chemical Resistant

Description

XTS 320 is an exceptional product designed to bond, seal, insulate, 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 temperatures 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**

Industrial applications include:

- Sealing of heating and ventilation equipment & ductwork chimneys, flue stacks
- Weatherproofing and insulating cable connectors and high voltage equipment.
- Oil and chemical resistant gasket making.
- Sealing and bonding on vibration prone machines and appliances.
- Bonding heating elements and making gaskets for steam irons
- High temperature bonding or sealing applications, auto gaskets (except constant fuel immersion)

Uncured Properties

Appearance	:	Extrudable paste
Colour	:	Tan
Sag or Slump	:	Non
Solids Content, % w/w	:	100
Tack Free Time, minutes	:	<15 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.(kgf/cm)2.8 (28)
Elongation at Break, %	:	250
Hardness, Shore A	:	35 approx
Specific Gravity	:	1.08
Dielectric Strength	:	20 kV/mm
Temperature Range	:	-50 to +320°C (350°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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