

Intek Adhesives Ltd

RTV Silicones to Bond, Seal, Insulate & Weatherproof



AG 300

Aluminium Coloured Food Grade RTV Silicone Adhesive & Sealant

AG300 is a ready-to-use, one-part room temperature vulcanising (RTV) silicone sealant. On exposure to moisture it cures quickly to a permanent elastic rubber. In its fully cured state AG300 has good thermal stability and chemical resistance.

Key Features

- Sealing of heating and ventilation equipment, ductwork chimneys & flue stacks
- Bonding and sealing stainless steel fabrications also food processing equipment
- Cosmetic sealing on stainless steel and aluminium
- Very fast cure through allows faster assembly time
- Excellent adhesion to metals, rubber, glass and rigid plastics
- Conforms to FDA CFR 21,177.2600 and EU Article 3 of Commission Regulation 1935/2004 for materials liable to have incidental food contact.

Uncured Product

Colour:	Metallic Silver
Viscosity	Thixotropic paste
Tack Free Time:	6-8 minutes
Cure Through: (3mm thick)	12 hours at 23°C and 65% relative humidity

Cured Product

Tensile Strength:	29 kgf/cm ² (2.9 mPas)
Elongation at Break :	200 %
Youngs Modulus:	1.85 MPa
Modulus at 100% Strain:	1.85 MPa
Tear Strength:	6.00 kN/m
Hardness:	50° Shore A
Specific Gravity:	1.19
Linear Shrinkage:	<1.0%
Thermal Conductivity:	0.20 W/mK
Coefficient Thermal Expansion:	Volumetric 882 ppm / °C - Linear 294 ppm / °C
Range Temperature:	-50 °C to +300 °C
Dielectric Strength:	20 kV/mm

Available in 310 ml cartridges or 20 kilo pails to order

Shelf life: 6 months from date of shipment 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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TECHNICAL DATA