

# TECHNICAL DATA SHEET

## AG 300 Metallic Silver RTV Silicone Adhesive Sealant High Strength | Food Grade | Oil & Chemical Resistant

AG 300 is a metallic silver colour RTV silicone rubber sealant and adhesive designed to give a good cosmetic match on stainless steel and aluminium joints especially where food contact is required as it meets FDA and European regulations

AG 300 has excellent resistance to oils, chemicals & steam and retains its tough physical properties over a wide temperature range -55 to +300°C AG 300 gives a fast curing high strength yet flexible bond to most engineering materials and is effective in replacing spot welding even on stainless steel creating a sealed joint at the same time.

### Key Uses and Features of AG 300

- Bonding and sealing stainless steel fabrications also food processing equipment
- Cosmetic sealing on stainless steel and aluminium
- Sealing of heating and ventilation equipment, ductwork chimneys & flue stacks
- Chemical & oil resistant bonding, sealing and gasket making
- Sealing galley areas on cruise ships, trains and aircraft
- 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
Appearance:	Thixotropic Paste
Tack Free Time:	5 minutes
3mm Cure Through:	8 hours
Shelf Life unopened @ 25°C:	12 Months

For detailed information on  
chemical resistance and adhesive  
properties please visit:  
[www.intek-uk.com](http://www.intek-uk.com)

### Cured Elastomer

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

Tensile Strength:	BS903 Part A2	3.2 MPa
Elongation at Break :	BS903 Part A2	220 %
Tear Strength:	BS903 Part A3	6.3 kN/m
Hardness:	ASTM D 2240-95	50° 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:	872 ppm / °C	
Linear	287 ppm / °C	
Min. Service Temperature:	-60 °C	
Max. Service Temperature:	AFS 1540B	+ 300°C
Dielectric Strength:	ASTM D-149	18 kV/mm

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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