

# Technical Data sheet

## AG 300 Metallic Silver RTV Silicone Adhesive Sealant

**Food Grade | High Strength | Heat & 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, cleaning chemicals & steam and retains it's 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
- Electrically insulating
- 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

### Cured Elastomer (Typical Properties )

Tensile Strength:	3.2 MPa
Elongation at Break :	220 %
Tear Strength:	6.3 kN/m
Hardness:	50° Shore A
Specific Gravity:	1.20
Linear Shrinkage:	0.78 %
Thermal Conductivity:	0.30 W/mK
Min. Service Temperature:	-60 °C
Max. Service Temperature:	+ 300°C
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.



**01670 734400**



**+44 (0) 1670 734400**

**Intek Adhesives Ltd | Unit 20 Atley Business Park | Cramlington | Northumberland | NE23 1WP**

[sales@intek-uk.com](mailto:sales@intek-uk.com)

[www.intek-uk.com](http://www.intek-uk.com)