

Intek Adhesives Ltd

RTV Silicones to Bond, Seal, Insulate & Weatherproof

LF20 Low Odour / Low Bloom Superglue

LF 20 is a medium viscosity, low-odour alkoxy-ethyl cyanoacrylate adhesive. LF 20 is a low bloom product specially formulated for cosmetically critical applications to eliminate whitening/chlorosis of bonded joints. The low-odour characteristic improves user comfort and is compatible with more sensitive plastics.

Physical Properties of Uncured Adhesive

Chemical composition	Alkoxy Cyanoacrylate
Appearance	Clear
Viscosity @ 25°C	100 mPa.s (cP)
Density	1.06

Typical Curing Properties

Maximum gap fill	0.15 mm
Handling time	45 seconds (Steel) 15-20 seconds (ABS) 25 seconds (Buna N Rubber) 30 seconds (Phenolic) Full strength 24 hours

Temperature Resistance -50 to + 90

Typical Performance of Cured Adhesive

Shear strength* ASTM D1002	
Steel	18-20 N/mm ²
Aluminium	13-15 N/mm ²
ABS	>6 N/mm ²
Tensile Strength	18 N/2mm ²
Glass Transition	50°C (140°F)
Coefficient of thermal expansion	90 x 10 ⁻⁶ mm/mm/°C
Dielectric strength	10 mV/mm
Hardness 85 Shore A	

**Strength results will vary depending on the level of surface preparation and gap.*

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