

PROVISIONAL TDS

AFA-G Aromatic Free Acrylic Coating Gel

AFA-G is a fast drying acrylic conformal coating, used for the protection of electronic circuitry. AFA-G is a high viscosity version of AFA designed to offer greater coverage over sharp edges of critical components.

- High viscosity for improved edge coverage
- Free from aromatic solvents such as Toluene and Xylene
- Fast touch dry time and excellent adhesion to most substrates
- Offers excellent protection in humid environments and salt mist resistance

Approvals	RoHS Compliant (2015/863/EU):	Yes
Liquid Properties	Appearance	Pale Coloured Liquid
	Density @ 20°C (g/ml)	0.93
	VOC Content	56-64%
	Solids Content	36-44%
	Viscosity (mPa s @ 20°C)	Thixotropic Gel
	Total Dry Time	25-30 minutes
Dry Film Coating	Colour:	Colourless
	Operating Temperature Range:	-65°C to +125°C
	Flammability:	UL94 V-0 Approved
	Thermal Cycling (MIL-1-46058C):	Meets requirements
	Coefficient of Expansion:	130ppm
	Dielectric Strength:	45kV/mm
	Dielectric Constant:	2.5
	Surface Insulation Resistance:	$1 \times 10^{15} \Omega$
	Comparative Tracking Index:	>300 Volts
	Dissipation Factor @ 1MHz, 25°C:	0.01
	Moisture Resistance (MIL-1-46058C):	Meets requirements
	BONO Test (Corrosion Factor):	Pass (2.3%)

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
AFA Gel	30ml Syringe	AFAG30SL	24 Months

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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