

NuSil FS-3606

Silicone

NuSil Technology

Message:

The Aircraft Industry has used silicone adhesives and coatings for over five decades. Silicone's ability to maintain its elasticity and low modulus over a broad temperature range provides excellent utility in extreme environments. Recent advances in material technology provide more opportunities for the Aircraft engineer in choosing the best material for an intended application. Examples of NuSil's capabilities in custom silicones for Aircraft are demonstrated in the following sections.

Fuel Resistance

Static Dissipation and Electrically Conductive Silicones

Ice-Phobic Coatings

General Purpose: Fluids

Comment: Fluid, Volume Resistivity 1×10^{15} ohms-cm

General Information		
Features	Electrically Conductive	
	Fuel Resistant	
Uses	Aircraft Applications	
Forms	Liquid	
Additional Information	Nominal Value	Unit
Operating Temperature	-50 to 200	°C
Uncured Properties	Nominal Value	Unit
Color	Translucent	
Viscosity	0.35 to 13	Pa · s
Cured Properties	Nominal Value	Unit
Electric Strength	16	kV/mm
Volume Resistivity	1.0×10^{15}	ohms · cm

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