

NuSil CF1-3710-2

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: Foam

Comment: Fuel/Solvent Resistant Foam , 50 lb/ft³ (800 Kg/m³)

General Information		
Features	Electrically Conductive	
	Fuel Resistant	
	Solvent Resistant	
Uses	Aircraft Applications	
	Electrical/Electronic Applications	
	Foam	
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 1.0	
Part B	Mix Ratio by Weight: 1.0	
Tack Free Time	10.0	min
Cure System	Platinum	
Operating Temperature	-50 to 200	°C
Uncured Properties	Nominal Value	Unit
Color	Grey	
Curing Time (23°C)	1.0 to 4.0	hr

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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