

NuSil CV-9042

Silicone

NuSil Technology

Message:

Controlled Volatility (CV) Silicone Materials

Silicone's ability to remain elastic at low temperatures and resistant to breakdown at high temperatures offer excellent utility in extraterrestrial environments where materials are repeatedly exposed to extreme temperatures. NuSil's Controlled Volatility (CV) and Ultra Low Outgassing TM (SCV) silicone products are used by leading space programs to provide the much-needed resilient protection they require against contamination and material degradation.

Benefits of Silicone Materials for Space

Broad Operating Temperature

Compensation for CTE Mismatch

Protection Against Atomic Oxygen

Optically Clear Formulations

Flight Legacy

General Purpose: Dampening Fluids, Lubricants & Greases

Comments: Thermally Conductive

General Information		
Features	Low to No Outgassing	
	Thermally Conductive	
Uses	Aerospace Applications	
Agency Ratings	ASTM E 595	
	NASA SP-R-0022A	
Uncured Properties	Nominal Value	Unit
Color	White	
Density	1.61	g/cm ³

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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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