

NuSil CV-7300

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: Refractive Index 1.40

General Information	
Features	Low to No Outgassing
Uses	Aerospace Applications
Agency Ratings	ASTM E 595
	NASA SP-R-0022A

Optical	Nominal Value		Test Method
Refractive Index	1.400		ASTM D542
Uncured Properties	Nominal Value	Unit	
Color	Clear/Transparent		
Density	0.968	g/cm³	
Viscosity	0.10 to 100	Pa·s	

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