

Grade: ARMC-618N

Manufacturer:	Aremco Products, Inc.
Description:	Silica based high temperature adhesive. Moisture, alkali and acid resistance properties are after firing above 700°F. Torgue strength and viscosity tests were performed after curing for 5 hours @ 200°F.

PROPERTY	US VALUE		METRIC VALUE
Major Constituent	Silica		
Maximum Temperature	3000	°F	1649 °C
CTE	.33	in/in °F x 10 ⁻⁶	Microns/m °C
Dielectric Strength	156	volts/mil	ac-kv/mm
Torque Strength	77	ft-lbs	
Moisture Resistance	Excellent		
Alkali Resistance	Good		
Acid Resistance	Good		
No. Components	1		
Viscosity	40,000 - 60,000	cps	
Specific Gravity	1.80 - 1.90	gms/cc	
Air Set	1-4	hours	
Heat Cure	200, 2 + 500, 2 + 700, 2	°F, hours	93, 2 + 260, 2 °C, hours + 371, 2
Color	Off-White		
Shelf Life	6	months	
Storage Temperature MIN	40	°F	4 °C
Storage Temperature MAX	90	°F	32 °C