

Grade: ARMC-552

Manufacturer:	Aremco Products, Inc.
Description:	Alumina 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	Alumina	
Maximum Temperature	3000 °F	1649 °C
CTE	4.3 in/in °F x 10 ⁻⁶	7.7 Microns/m °C
Volume Resistivity	10 ⁸ ohm-cm @ RT	
Dielectric Strength	250 volts/mil	ac-kv/mm
Torque Strength	6.7 ft-lbs	
Moisture Resistance	Exellent	
Alkali Resistance	Good	
Acid Resistance	Good	
No. Components	1	
Viscosity	62,000 cps	
Specific Gravity	2.07 gms/cc	
Air Set	1-4 hours	
Heat Cure	200, 2 °F, hours 500, 2	93, 2 °C, hours 260, 2
Color	White	
Shelf Life	6 months	
Storage Temperature MIN	40 °F	4 °C
Storage Temperature MAX	90 °F	32 °C