

# Grade: ARMC-571

**Manufacturer:** Aremco Products, Inc.  
**Description:** Magnesium Oxide based high temperature adhesive. Ceramic fiber-reinforced. Excellent moisture resistance.

PROPERTY	US VALUE	METRIC VALUE
<b>Major Constituent</b>	<b>Magnesium Oxide</b>	
<b>Maximum Temperature</b>	<b>3200</b> °F	<b>1760</b> °C
<b>CTE</b>	<b>7.0</b> in/in °F x 10 <sup>-6</sup>	Microns/m °C
<b>Volume Resistivity</b>	<b>10<sup>9</sup></b> ohm-cm @ RT	
<b>Dielectric Strength</b>	<b>255</b> volts/mil	ac-kv/mm
<b>Torque Strength</b>	<b>21.6</b> ft-lbs	
<b>Moisture Resistance</b>	<b>Excellent</b>	
<b>Alkali Resistance</b>	<b>Good</b>	
<b>Acid Resistance</b>	<b>Fair</b>	
<b>No. Components</b>	<b>2</b>	
<b>Mix Ratio, powder:liquid</b>	<b>1.5:1</b>	
<b>Viscosity</b>	<b>60,000</b> cps	
<b>Specific Gravity</b>	<b>1.50</b> gms/cc	
<b>Color</b>	<b>Beige</b>	
<b>Air Set</b>	<b>1-4</b> hours	
<b>Heat Cure</b>	<b>200, 2</b> °F, hours	<b>93, 2</b> °C, hours
<b>Shelf Life</b>	<b>6</b> months	
<b>Storage Temperature MIN</b>	<b>40</b> °F	<b>4</b> °C
<b>Storage Temperature MAX</b>	<b>90</b> °F	<b>32</b> °C