

## Grade: ARMC-556-HT-SP

**Manufacturer:** Aremco Products, Inc.  
**Description:** Silver-Filled, Electrically Conductive, Screen Printable, Two-Part Epoxy Paste to 570°F.

PROPERTY	US VALUE		METRIC VALUE	
<b>Filler</b>	<b>Silver</b>			
<b>Mix Ratio by Weight</b>	<b>1:1</b>	resin:hardener		
<b>Specific Gravity</b>	<b>3.1</b>	gms/cc		
<b>Mixed Viscosity</b>	<b>35,000-45,000</b>	@ 25°C, cps		
<b>Pot Life</b>	<b>&gt;48</b>	100gm @ 25°C, hours		
<b>Recommended Cure</b>	<b>1/350</b>	hours/°F		hours/°C
<b>Alternate Cure</b>	<b>2/300</b>	hours/°F		hours/°C
<b>Temperature Resistance</b>	<b>445</b>	°F	<b>230</b>	°C
<b>Thermal Conductivity</b>		BTU/(h.ft <sup>2</sup> °F/ft)	<b>3.5</b>	W/(m <sup>2</sup> . K/m)
<b>Tensile Strength</b>	<b>1,400</b>	psi	<b>NaN</b>	MPa
<b>Volume Resistivity</b>	<b>&lt;0.0004</b>	ohm-cm @ RT		
<b>Color</b>	<b>Silver</b>			