



Extreme Temperature Couplants	Sonotech UT couplants do not contain perfluorocarbons, thus "polymer fume fever" is not an operator hazard.			
	Key Benefits	Viscosity	Temperature Range	Ferrous Corrosion Inhibition Rating*
Thermasonic®	<ul style="list-style-type: none"> <li>• Excellent wetting and slow evaporation rate to 325°F</li> <li>• Water-free, water-soluble</li> <li>• Environmentally benign</li> <li>• Excellent corrosion inhibition</li> <li>• Lubricious; will not run or drip</li> <li>• Remove with water</li> </ul>	Grade 60 600,000 cps Brookfield LV #5 @1.5 rpm	<b>0° to 325°F</b> -18° to 163°C Auto Ignition 720° F / 38°2 C	85
Sono 600	<ul style="list-style-type: none"> <li>• Very slow drying allowing long term coupling to 600°F</li> <li>• Excellent corrosion inhibition and metals compatibility</li> <li>• Economical alternative to silicone based couplants</li> <li>• Non-toxic for food processing equipment</li> <li>• Fluid or gel</li> </ul>	<b>Fluid</b> 2,500 cps Brookfield LV #3 @ 30 rpm  <b>Gel</b> 500,000 cps Brookfield LV #5 @1.5 rpm	Thickness gaging: <b>0° to 600°F</b> -18° to 315°C Flaw inspection: 50° to 500°F 10° to 260°C Auto Ignition 720° F / 38°2 C	100
Sonotemp®	<ul style="list-style-type: none"> <li>• High acoustic impedance</li> <li>• Very high viscosity paste</li> <li>• Resists long-term drying at moderately high temperatures</li> <li>• Excellent for flow metering and acoustic emission</li> <li>• Contains no polymers</li> </ul>	>4,000,000 cps Brookfield LV #5 @ 0.3 rpm	Thickness gaging: <b>0° to 700°F</b> -18° to 371°C Flaw inspection: 30° to 600°F -1° to 315°C Auto Ignition 1065°F / 574°C	90
Pyrogel®	<ul style="list-style-type: none"> <li>• Broadest operating temperature range (-50 to 800°F)</li> <li>• Resists drying, good choice for long term flow metering</li> <li>• Contains no polymers</li> <li>• Available in a range of viscosities from fluid to gel</li> </ul>	Grade 7 620 cps Brookfield LV #2 @30 rpm  Grade 25 150,000 cps Brookfield LV #5 @1.5 rpm  Grade 60 550,000 cps Brookfield LV #5 @1.5 rpm  Grade 100 4,000,000 cps Brookfield LV #5 @.3 rpm	Thickness gaging: <b>-50° to 800°F</b> -45° to 315°C Flaw inspection: 0° to 600°F -18.6° to 315°C Auto Ignition (GR25) 960°F / 515°C	100
Sono 900	<ul style="list-style-type: none"> <li>• Gritty, high viscosity paste stays in place</li> <li>• Adheres well to transducers at high temperatures</li> </ul>		Thickness gaging: <b>600° to 900°F</b> 315° to 482°C Flaw inspection: 600° to 650°F 315° to 343°C Auto Ignition 990°F / 532°C	95
Sono 950	<ul style="list-style-type: none"> <li>• Useful to 950°F</li> <li>• Extended time window for longer inspections</li> <li>• Less smoke than Sono 900</li> <li>• Medium viscosity paste</li> </ul>		Thickness gaging: <b>600° to 950°F</b> 315° to 510°C Flaw inspection: 600° to 725°F 315° to 385°C Auto Ignition 1040°F / 560°C	95
Sono 1100	<ul style="list-style-type: none"> <li>• Useful to 1100°F</li> <li>• Extended high temperature time window for longer inspections</li> <li>• Medium viscosity paste</li> </ul>		Thickness gaging: <b>700° to 1100°F</b> 371° to 593°C Flaw inspection: 700° to 900°F 371° to 482°C Auto Ignition 1060°F / 626°C	100
Sono 1200 +	<ul style="list-style-type: none"> <li>• Highest temperature UT couplant commercially available (700 to well over 1200°F)</li> <li>• Extended high temperature time window for longer inspections</li> <li>• Medium viscosity paste</li> </ul>		Thickness gaging: <b>700° to 1200+°F</b> 371° to 649°C Flaw inspection: 700° to 1000°F 371° to 482°C Auto Ignition °F / °C	100