

Know before you inspect

High Temperature Couplant Comparison Table

NOTE: In confined spaces and inspection ports, the temperature is often 150°F higher than on exposed pipe. Take this into account when selecting a couplant.

Couplant Trade Name	Key Benefit	Auto Ignition Temperature	Manufacturer Specified Operating Range
EchoTherm Extreme™	Highest temperature couplant available. No auto-ignition risk Minimal residue	1300°F / 704°C	-40° to 1250°F -40° to 675°C
EchoTherm™	Most economical up to 1000°F / 538°C	1300°F / 704°C	200° to 1000°F 93° to 538°C
Sono® 1100		862°F / 461°C	700° to 775°F 371° to 413°C
Echo 700™ Replaces Sono 900	Very thick, stay in place viscosity Adheres to probe/transducer	770°F / 410°C	600° to 700°F 316° to 371°C
Pyrogel® 100		894°F / 479°C	-50° to 805°F -45° to 429°C
HiTempco™ + Replaces Pyrogel 100	Minimal smoke and residue Broad range	894°F / 479°C	-50° to 850°F -45° to 455°C
Sono® 600		788°F / 420°C	0° to 700°F -18° to 371°C
VersaSonic® Replaces Sono 600	Slower vaporization than Sono 600 Two viscosities Least expensive	788°F / 420°C	-10° to 700°F -23° to 371°C

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