



Environmentally Benign Ambient Temperature Couplants		All Sonotech Environmentally Benign Couplants are fragrance free, contain no dyes, thus reducing skin irritation potential, and will not stain clothing. All couplants in this category contain an environmentally benign ferrous corrosion inhibition system for steel and have less than 50 ppm halogens and sulfur meeting nuclear power specifications for halogens, sulfur and low melting point metals.			
Gel Couplants in Two Viscosities		Key Benefits	Viscosity	Temperature Range	Ferrous Corrosion Inhibition Rating*
	Soundsafe®	<ul style="list-style-type: none"> • Highest performance in environmentally benign category • Reduced surface noise from increased acoustic impedance • Good surface wetting capability • Slow drying with excellent transducer lubrication • Gel viscosity holds on most overhead and vertical surfaces • Compatible with most composites and metals, except magnesium • Corrosion inhibiting system for ferrous based materials • Remove with water 	80,000 cps (Brookfield Helipath Spindle E @ 1.5 rpm)	0° to 200°F -18° to 93°C	75
	Soundsafe® HV	<ul style="list-style-type: none"> • Highest viscosity water-soluble couplant • Reduced surface noise from increased acoustic impedance • Good surface wetting capability • Slow drying with excellent transducer lubrication • Compatible with most composites and metals, except magnesium • Remove with water 	200,000 cps Brookfield Helipath Spindle E @ 1.5 rpm	0° to 200°F -18° to 93°C	75
Low Through Very High Viscosity Fluids and Gels	SonoGlide® UP For all non-ferrous metals except Magnesium	<ul style="list-style-type: none"> • For all non-ferrous metals (except magnesium), plastics and most composites • Non-toxic, water soluble, non-staining • Broad temperature range • Extended drying time • Self leveling provides fast, easy spreading over large areas • Remove with water 	Grade 10 2,500 cps Brookfield LV #2 @6 rpm Grade 20 25,000 cps Brookfield LV #4 @12 rpm Grade 40 80,000 cps Brookfield LV #4 @1.5 rpm	-60° to 250°F -51° to 121°C	N/A
	SonoGlide® FE For ferrous metals	<ul style="list-style-type: none"> • For ferrous metals • Extended drying time • Broad temperature range • Water soluble with excellent transducer lubrication and acoustic properties • Compatible with plastics - will not harden on transducers or instruments • Self leveling provides fast, easy spreading over large areas • Remove with water 	Grade 7 1,000 cps Brookfield LV #4 @ 6 rpm Grade 10 2,500 cps Brookfield LV #2 @ 6 rpm Grade 20 25,000 cps Brookfield LV #4 @ 12 rpm Grade 40 80,000 cps Brookfield LV #4 @ 1.5 rpm	-60° to 250°F -51° to 121°C	75
	Soundclear® Economical	<ul style="list-style-type: none"> • Good price to performance ratio • Increased acoustic impedance • Good surface wetting capability • Slow drying with excellent transducer lubrication • Self leveling provides fast, easy spreading over large areas • Remove with water 	Grade 40 105,000 cps Brookfield Helipath Spindle E @ 1.5 rpm Grade 60 170,000 cps Brookfield Helipath Spindle E @ 1.5 rpm	20° to 200°F -7° to 93°C	45
Powder Couplants	UT-X® Powder Economical - Mix On Site	<ul style="list-style-type: none"> • Most economical couplant - mix on site • Self de-airing 2 packet system • Lump-free, uniform mixing • Salt stable • Reduced storage space 	Variable by altering water amount.	32° to 120°F (0° to 49°C) in tap water can be winterized to 20°F (-29°C)	10
	UT-X® FE Powder Economical - Mix On Site	<ul style="list-style-type: none"> • Mild corrosion inhibition for cast iron and steel • Self de-airing 2 packet system • Lump-free, uniform mixing • Salt stable • Reduced storage space 	Variable by altering water amount.	32° to 120°F (0° to 49°C) in tap water can be winterized to 20°F (-29°C)	40

