



**PES 203 SUPER FLOW & PES 205 CERAMIC HT FLUID
COMPARED WITH BELZONA 1341 & 1391 and
THORTEX CERAMI TECH CR & CERAMI TECH HTX**

Engineering Repair

	PES 203 Super Flow Ceramic Fluid	THORTEX Cerami Tech CR	BELZONA 1341	PES 205 Ceramic HT Fluid	THORTEX Ceramic Tech HTX	BELZONA 1391
Wet continuous	158°F	158°F	122°F	266°F	194°F	248°F
Dry continuous	356°F	356°F	392°F	464°F	356°F	464°F
Compressive strength ASTM D695	10,450psi (735kg/cm ²)	10,000psi (700kg/cm ²)	8800psi (619kg/cm ²)	13,960psi (983kg/cm ²)	10,450psi (735kg/cm ²)	11,400psi (802kg/cm ²)
Tensile shear adhesion ASTM D1002	2650psi (187kg/cm ²)	2500psi (175kg/cm ²)	3300psi (232kg/cm ²)	3125psi (220kg/cm ²)	2800ps (195kg/cm ²)	3200psi (225kg/cm ²)
Flexural strength ASTM D790	8100psi (570kg/cm ²)	8100psi (570kg/cm ²)	6850psi (482kg/cm ²)	8710psi (614kg/cm ²)	9700psi (682kg/cm ²)	8500psi (598kg/cm ²)
Hardness (Rockwell R) ASTM D785	85	85	No information	89	90	84
Corrosion Resistance ASTM B117	10,000 hours	10,000 hours	10,000 hours	5000 hours	5000 hours	5000 hours