



**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
<b>Wet continuous</b>	158°F	158°F	122°F	266°F	194°F	248°F
<b>Dry continuous</b>	356°F	356°F	392°F	464°F	356°F	464°F
<b>Compressive strength ASTM D695</b>	10,450psi (735kg/cm <sup>2</sup> )	10,000psi (700kg/cm <sup>2</sup> )	8800psi (619kg/cm <sup>2</sup> )	13,960psi (983kg/cm <sup>2</sup> )	10,450psi (735kg/cm <sup>2</sup> )	11,400psi (802kg/cm <sup>2</sup> )
<b>Tensile shear adhesion ASTM D1002</b>	2650psi (187kg/cm <sup>2</sup> )	2500psi (175kg/cm <sup>2</sup> )	3300psi (232kg/cm <sup>2</sup> )	3125psi (220kg/cm <sup>2</sup> )	2800ps (195kg/cm <sup>2</sup> )	3200psi (225kg/cm <sup>2</sup> )
<b>Flexural strength ASTM D790</b>	8100psi (570kg/cm <sup>2</sup> )	8100psi (570kg/cm <sup>2</sup> )	6850psi (482kg/cm <sup>2</sup> )	8710psi (614kg/cm <sup>2</sup> )	9700psi (682kg/cm <sup>2</sup> )	8500psi (598kg/cm <sup>2</sup> )
<b>Hardness (Rockwell R) ASTM D785</b>	85	85	No information	89	90	84
<b>Corrosion Resistance ASTM B117</b>	<b>10,000 hours</b>	<b>10,000 hours</b>	<b>10,000 hours</b>	<b>5000 hours</b>	<b>5000 hours</b>	<b>5000 hours</b>