

Mechanical Properties Comparison
of CeRam-Kote PCF
and CeRam-Kote 54® TZS



Adhesion (ASTM 4541)	>2200 psi	>2200 psi
Pass Autoclave	Yes	Yes
Abrasion (ASTM D4060)	40.3 mg loss	27 mg loss
Impact Resistance (ASTM G14)	118 in. lbs.	90 in. lbs.
Static Coefficient of Friction	0.187	0.152
Distilled Water Immersion (ASTM D870-87) 122°F 149°F	Pass Pass	Pass Pass
Acid Immersion – 15% HCl in Distilled Water (by volume) for 24 hours at 122°F	Pass	Pass
Flexibility at 75°F (23.9°C)	1.05°/pd	2.1°/pd
Operating Temperature*	225°F	150°F

* Operating temperature is dependent upon the exact operating conditions of the environment. Please contact Freecom for recommendations.