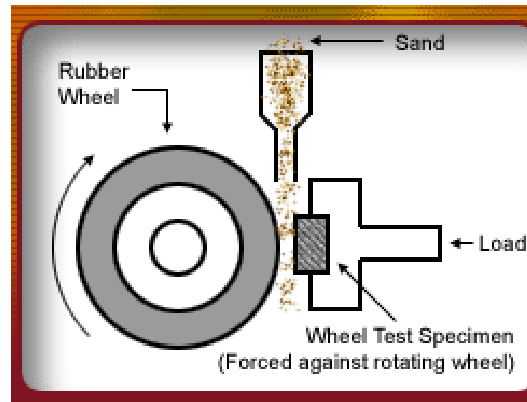


Extreme Coatings™

Bringing Profit to the Surface

The ASTM G-65 Dry Sand Test was used to compare *Extreme Coatings™* to a variety of materials including hardfacing alloys and tool steels.



Tested for 2,000 revolutions at a load of 30 lb. (13.6kg) using a 9-inch (229 mm) rubber wheel and dry sand.

Coating Or Alloy	Chemical Composition	Application Process	Average Hardness		Volume Loss mm ³
			DPH 300g	Est.Rc	
XC9000	88% Wc 12% Co	HVOF	1100	68-71	2.4
XC1000	88% Wc 12% Co	HVOF	1100	68-71	3.0
XC1000Ni	90% Wc 10% Ni	HVOF	1150	68-71	3.0
XC1000-17	83% Wc 17% Co	HVOF	1000	67-70	4.7
XC4000	75% Cr ₂ C ₃	HVOF	650	62-64	3.2
Stellite 6	Co-Cr-W	TIG	Actual 40		29
Stellite 12	Co-Cr-W	TIG	Actual 47		19
Stellite 1	Co-Cr-W	TIG	Actual 54		12
83	Nickel-Cr-Boron / Wc	TIG	Actual 48		10
56	Nickel-Cr-Boron	TIG	Actual 49		15
D2	Tool Steel	Wrought	60		12
316	Stainless Steel	TIG	N/A		83
“C”	Nickel-Cr-Mo	TIG	16		105
CPM-9V	Tool Steel	Powder Metallurgy	54-56		9.5



Surface Engineering & Alloy Company

2895 46th Avenue North • St. Petersburg, FL 33714
 Toll Free: 888-FOR-ALOY • Phone: 727-528-7998 • Fax: 727-528-7995
www.surfaceengineering.com • www.extremecoating.com