

THERMAL SPRAY WIRES

Carbides

Product Name	Chemical Composition	Product ID	Available Sizes	Comparable Products	Comparable Specifications	Hardness and Bond Strength	Typical Characteristics and Applications
HA205	Chrome Carbide Cr ₃ C ₂ 40Fe + FeC	31205	1/16", 2mm	Praxair Chrome Carbide	Standard Grade	45 Rc 5700 PSI	<ul style="list-style-type: none"> • High hardness and wear resistance • For applications above 1000°F
HA840	Tungsten Carbide Fe 41WC/W ₂ C .1Zn	31840	1/16", 2mm		Standard Grade	52 Rc 6700 PSI	<ul style="list-style-type: none"> • Excellent bond strength • Abrasion resistance • Dredge cutter blades
HA597	Ultrahard™ Duocor™ Fe 15Cr 5Ni 2B 1.5Si .7Mg +26WC + 6TiC	31597	1/16", 2mm	Tafa 97 MXC®	Standard Grade	64-69 Rc 5100 PSI	<ul style="list-style-type: none"> • Abrasion and wear resistant • High bond strength • Non-skid surface