

# SYNCO THERMAL SPRAY POWDER



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SYNCO THERMAL POWDER	Praxair Tafa	Metco	Hognas	FST	Others
<b>Nickel based</b>					
Alloy 625	NI 328/1265	Metco 1005	AMPERIT 380	M-325	PAC 17
Alloy 718	NI 202/1278	Metco 1006	AMPERIT 407	M-328	PAC 718
Alloy C-276	NI 544/1269	Metco 4267	AMPERIT 409	M-341	PAC C276
NiAl 95/5	NI 185/970/109	Metco 480/450	AMPERIT 280/281	M-358/359	PAC 906
NiCr 80/20	NI	Metco	AMPERIT 250/251	M-301	PAC 98
Pure Nickel	NI 101/118/1166	Metco 56	AMPERIT 175	M-301	PAC 900

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<b>Copper and Iron based</b>					
Pure Copper	CU 105 CU 159	Metco 1007		M-901 901P	PAC 10
CuAlFe (Al-Bronze)	CU 114 CU 104	Metco 1004		M-905	PAC 16
CuAl (Al-Bronze)				M-952	
SS 316L	FE 101 1236	Metco 41/1003	AMPERIT 377	M-684	PAC 96
SS 420		Metco 1002		M-642	
SS 431		Metco 42		M-687	PAC 97

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<b>Cobalt based and Nickel SF powder</b>					
Cobalt 1		Metco 8100		M-487	Stellite 1
Cobalt 6	CO 106 1256	Metco 4060	AMPERIT 344	M-484	Stellite 6
Cobalt 12		Metco 8102		M-481	Stellite 12
Cobalt T-400	CO 109 1247	Metco 66	AMPERIT 340	M-494	Tribaloy T-400

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Cobalt T-800	CO 111 1248	Metco 68 3001 4800	AMPERIT 342	M-499	Tribaloy T-800
NiCrBSi (59-64HRC)		Metco 15 2001		M-771	
NiCrSiBCuMo (58-64HRC)		Metco 14		M-770	
NiCrSiBW (55-61HRC)				M-781 M-782	
NiCrBSi (35-60HRC)		Metco 12		M-772 M-774 M-775 M-776 M-773	
NiCr/SF WC				M-733 M-737	
NiCr/SF WC-Co		Metco 31C		M-735	

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<b>Tungsten Carbide and Chrome Carbide powder</b>					
83WC-17Co	1343 WC 729	Woka 3201 3202 3203 5143	AMPERIT 526	K-674	PMET 83-17
86WC-10Co-4Cr	1350 WC 731 WC 496	Woka 5847 3652 3653 3655 3654 5843 3903	AMPERIT 558 557 554	K-647 K-648 K-646	PMET 86-10-4
88WC-12Co	TAFA 1342VM				PMET 88-12
90WC 10Ni		Metco 3300			
88WC 12Ni	1310 WC 791	3300	AMPERIT 547	K-611	
83WC 17Ni	1310 WC 724	3501 3502 3503 3505	AMPERIT 547	K-612	
WC-CoCrNi 85/9/5/1		Woka 3601 3602 3603 3604 3644		K-665	
WC-CrC-Ni 73/20/7	1356 WC 733	Woka 3701 3707 3703 3702-1	AMPERIT 551	K-607	
CrC-NiCr 80/20	Praxair CRC 351	Metco 710/3007	Amperit 586	K-804.17K-804.23	
CrC NiCr 75/25	Praxair 1375	Metco 720/730	Amperit 588/584	K-854.17 K-854.23	
Other types also available: WC-CrC-NiCrCo45/37/18, WC-NiMoCrFeCo, WC-9Co5Cr1Ni, WC-CrC-Cr-Ni, CrC-CoNiCrAlY 75/25					

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<b>Oxide Ceramic powder</b>					
Al <sub>2</sub> O <sub>3</sub>	ALO-101/114	Metco 105	Amperit 740	C-506	
Al <sub>2</sub> O <sub>3</sub> -3TiO <sub>2</sub>	ALO-105/159	Metco 101/6203	Amperit 742	C-328	
13TiO <sub>2</sub>	ALO-187/188	Metco 130/6221	Amperit 744	C-336/338/339	
Al <sub>2</sub> O <sub>3</sub> -40TiO <sub>2</sub>	ALO-121	Metco 131 Metco	Amperit 745	C-341/342/343	
99Cr <sub>2</sub> O <sub>3</sub>		Amdry 6415		C-604 C-607	
Cr <sub>2</sub> O <sub>3</sub> 5SiO <sub>2</sub> 3TiO <sub>2</sub>				C-650.01 C-	
TiO <sub>2</sub> 45Cr <sub>2</sub> O <sub>3</sub>		Metco 111			
TiO <sub>2</sub> 75Cr <sub>2</sub> O <sub>3</sub> TiO <sub>2</sub> 60Cr <sub>2</sub> O <sub>3</sub>				C-670 C-677	
ZrO <sub>2</sub> 8Y <sub>2</sub> O <sub>3</sub>	Al 1075/1484	Metco 233/222	Amperit	C-295 C-296C-297	
ZrO <sub>2</sub> 24MgO		Metco 210		C-351.45 C-	
TiO <sub>2</sub>		Metco 102	Amperit 782	C-407	

## SYNCO INDUSTRIES LIMITED

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