

name	in weight%												properties
	C	Si	Mn	Cr	Ni	Mo	Cu	Nb	V	Tu	Fe	Sonst.	
Thaloy® NiAl 80-20 Sp					R							Al 20	bond coat, oxidation resistant
Thaloy® NiAl 85-15 Sp					R							Al 15	bond coat, oxidation resistant
Thaloy® NiAl 90-10 SP					R							Al 10	bond coat, oxidation resistant
Thaloy® NiAl 95-5 Sp					R							Al 5	bond coat, oxidation resistant
Thaloy® NiMoAl 90-5-5 Sp					R	5						Al 5	self-adhesive spraying material with good impact resistance
Thaloy® NiTi 96-4 Sp					R							Ti 4	bond coat
Thaloy® NiCr 80-20 Sp				20	R								bond coat for ceramic cover coatings, oxidation- and corrosion resistant at high temperatures
Thaloy® NiCr 50-50 Sp				50	R								high oxidation resistance
Thaloy® NiCr 40-60 Sp				57	R								high oxidation resistance
Thaloy® NiCrMo Sp				21	R	9		3					similar to: 625; high resistance against seawater corrosion and other chemical solutions
Thaloy® NiCrFe Sp				15	R						23		self bonding coatings

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Thaloy® NIBSi SP	different compositions ranging from 0-5%B and 0-5%Si												against various applications against high to extreme abrasive - applicable even under corrosive stresses
Thaloy® NiCrBSi SP	different compositions ranging from 0-5%B, 0-5%Si and 2-15%Cr												
Thaloy® Ni+ WSC SP	different compositions ranging from 0-5%B, 0-5%Si and 2-15%Cr and 15-50%WC												
Thaloy® Ni+ WC SP	different compositions ranging from 0-5%B, 0-5%Si, 2-15%Cr and 15-50%WSC												
Thaloy® Ni+ WC/ Co SP	different compositions ranging from 0-5%B, 0-5%Si, 2-15%Cr and 15-50%WC/Co												
Thaloy® NiCr+ CrC SP	NiCr 80-20 + 20-30%chromium carbide												
Thaloy® 4819C Sp			0,5	15	R	15			0,2	4	4,5	Co: 1	high resistance against oxidizing and reducing agents
NiCr + HBN Sp	NiCr 80-20 + 14% hexagonales boron nitride												oxidation resistant alloy with integrated solid lubricant

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Corthal® 35 Sp				29							R	B 3,9	very fine structures with high resistance against wear
Corthal® 42 Sp	2	1	1	29	3	0,8					R		good corrosion resistance and little abrasion stresses
Corthal® 55 SP	5			27							R		excellent abrasion resistance
Corthal® 60 SP	4,6			23				6			R		high resistance against mineral wear
Corthal® 65 Sp	6			21		6		6,7	0,67	1,7	R		high wear resistance + wram hardness
Corthal® Fe-WC Sp	iron base material with different compositions and up to 50% WSC or WC												resistance against extreme abrasive stresses
Corthal® FeAl 80-20 Sp											R	Al: 20	high oxidation resistance
Corthal® CTX-10 Sp				19	34						R		high corrosion resistance
Corthal® CT35 Si Sp		5		28							R	B: 1	hard abrasion resistant material
Corthal® CT35 T Ni Sp		1,8	1,8	30	8,8						R	B: 3,7	very fine structured grains, high wear resistance
Corthal® FeCrAlY Sp				22							R	Al: 6	high oxidation resistance

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Corthal® 18-12 Sp				18	12	2,5					R		Typ 316L, stainless steel
Corthal ®X40Cr13 Sp	1	0,75		15							R		high strength and hardness, repairing of machine elements
Corthal ®WZ50 SP	0,3			2,5					0,6	4,5	R		good wear behaviour in sliding contact to low alloy steel, repairing of machine parts
Corthal ® 606 SP	0,6	0,9	2,5	4,5							R		good wear behaviour in sliding contact to low alloy steel, repairing of machine parts
Corthal ® NiFe Sp			3		36						R		alloy with a very low thermal expansion
Corthal ® 4122 Sp	0,4			18		1					R		relative hard corrosion resistant coatings
Corthal ® 4001 Sp	0,1			16							R		relative hard corrosion resistant coatings
Corthal ® 900 Sp			6	19	8,5	2					R	Co: 2	stainless steel coating
Corthal ® 300 HC Sp	1,1			2,4		0,2					R		hard coatings, repairing of machine parts
Corthal ® W50Ni40Fe10 Sp					40					50	10		protective coating against contact with aluminium melts
Corthal ® Al-Al2O3 Sp	40% Al-oxide in an Al-matrix												antislip coatings

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	C	Si	Mn	Cr	Ni	Mo	Cu	Nb	V	W	Fe	Sonst.	
Corthal® CuAl8Ni6 Sp		+			6		R					Al: 8	seawater resistant bronze alloy
Corthal ®CuAl9Fe1 Sp							R				1	Al: 9	wear resistant bronze alloy with high strength
Corthal ®Cu SP							100						electric applications, decorative applications
Corthal ® Cu-HBN SP	10% hexagonal Boron nitride as solid lubricants in a soft Cu-matrix												very good emergency running properties