



Coated Wire: thermo SA

Brass Core, Zinc Coating



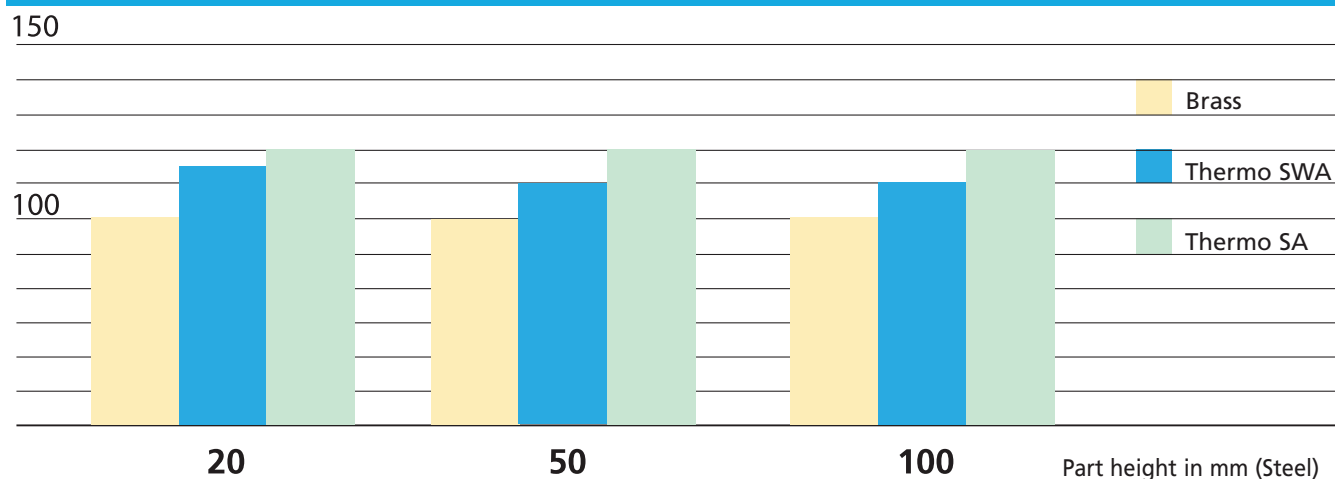
The new coated brass wire, Thermo SA, has been developed in response to a market demand for high quality and precision wire. It is particularly suitable for applications with special requirements for extremely fine precision cuts. The special coating ensures

a very clean finish along the cut surfaces as well as a high performance in terms of cutting speed.

- High precision in cutting
- Excellent surface finish - Ra 0.10µm
- Suitable for automatic threading
- Cutting speed up to 20% faster than brass wire
- Uses standard zinc coated technology
- Highly recommended for the latest generation of WEDM machines from Agie and Charmilles

Characteristics	Thermo SA
Core	CuZn 37
Coating	Special Alloy
Tensile strength	900 N/mm ²
Yield strength	800 N/mm ²
Elongation	2%
Conductibility	21%

Relative cutting speed [%]



➤ TECSPPOOL and TECFIL are THERMOCOMPACT brand names

Z.I route de Sarves, Metz-Tessy B.P 21

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TECFIL[®]
by Thermocompact




Coated Wire: thermo SA

Thermo SA		K100	T125	T160	T200	K250	JP5	JP10	JP15
0,07mm* 0,003"	Thermo SA	1,8 Kg 4 Lbs							
		58500 m 128700 Ft							
0,10mm* 0,004"	Thermo SA	1,8 Kg 4 Lbs	4 Kg 8,8 Lbs				5 Kg 11 Lbs		
		27000 m 66400 Ft	60000 m 192000 Ft				75000 m 240000 Ft		
0,127mm* 0,005"	Thermo SA	1,8 Kg 4 Lbs	4 Kg 8,8 Lbs	8 Kg 17,6 Lbs			5 Kg 11 Lbs		
		16800 m 53700 Ft	37300 m 119300 Ft	74600 m 238700 Ft			46700 m 149400 Ft		
0,15mm* 0,006"	Thermo SA	1,8 Kg 4 Lbs	4 Kg 8,8 Lbs	8 Kg 17,6 Lbs			5 Kg 11 Lbs	10 Kg 22 Lbs	
		12000 m 38400 Ft	26700 m 87500 Ft	53400 m 175100 Ft			33500 m 107200 Ft	67000 m 214400 Ft	
0,20mm 0,008"	Thermo SA		4 Kg 8,8 Lbs	8 Kg 17,6 Lbs	16 Kg 35,3 Lbs		5 Kg 11 Lbs	10 Kg 22 Lbs	20 Kg 44 Lbs
			14900 m 48800 Ft	29900 m 98000 Ft	59800 m 196100 Ft		18700 m 61300 Ft	37500 m 120000 Ft	74800 m 239300 Lbs
0,25mm 0,010"	Thermo SA		4 Kg 8,8 Lbs	8 Kg 17,6 Lbs	16 Kg 35,3 Lbs	25 Kg 55 Lbs	5 Kg 11 Lbs	10 Kg 22 Lbs	20 Kg 44 Lbs
			9600 m 31400 Ft	19200 m 62900 Ft	38400 m 125900 Ft	60000 m 196800 Ft	12000 m 39300 Ft	24000 m 76800 Ft	48000 m 156600 Ft
0,30mm 0,012"	Thermo SA		4 Kg 8,8 Lbs	8 Kg 17,6 Lbs	16 Kg 35,3 Lbs	25 Kg 55 Lbs	5 Kg 11 Lbs	10 Kg 22 Lbs	20 Kg 44 Lbs
			6600 m 21100 Ft	13200 m 43200 Ft	26500 m 86900 Ft	41400 m 135800 Ft	8300 m 27200 Ft	16600 m 53100 Ft	33100 m 105900 Ft

* diameters available from beginning of 2008.

Thermo SA is available on:

 TECFIL		
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