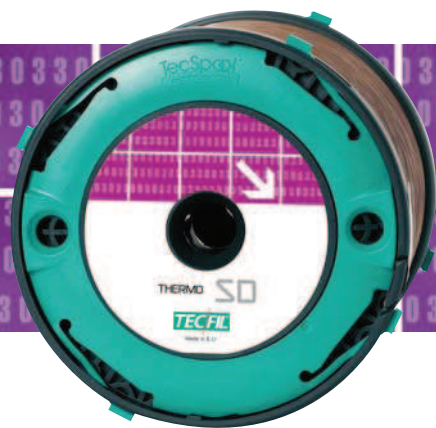




Stratified Wire: thermo SD

Brass Core, CuZn Coating

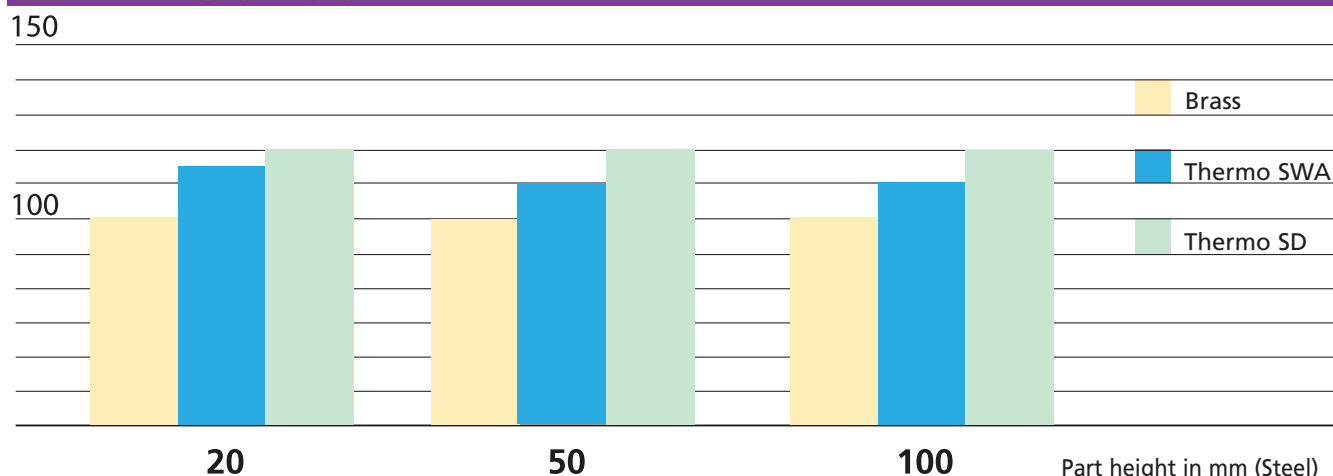


The new high performance wire, Thermo SD, has been developed in response to a market demand from the majority of EDM wire machines. Thermo SD offers high performance cutting speed combined with a very good surface finish.

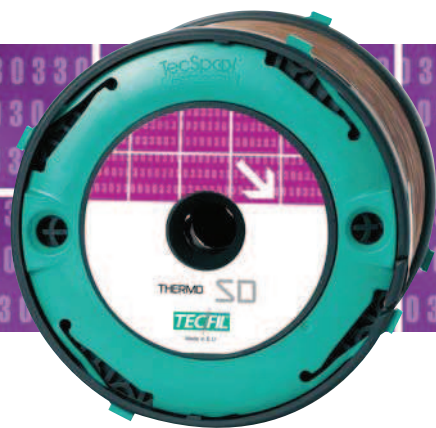
- Very good performance / price ratio
- Universal usage on all EDM wire machines
- Gain of more than 15% cutting speed compared to brass wire thanks to its unique coating
- High precision in cutting with excellent surface finish

Characteristics	Thermo SD 900	Thermo SD 500
Core	CuZn Alloy	CuZn Alloy
Coating	Special alloy	Special alloy
Tensile strength	875 N/mm ²	450 N/mm ²
Yield strength	750 N/mm ²	350 N/mm ²
Elongation	2 %	11 %
Conductibility	20 % IACS	24 % IACS

Relative cutting speed [%]



Tests performed with Thermo SD 900



Stratified Wire: thermo SD

Thermo SD

		T125	T160	T200	K250	JP5	JP10	JP15
0,20mm 0,008"	Thermo SD	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 Ft
0,25mm 0,010"	Thermo SD	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 SD	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

Thermo SD is only available on:



TECFIL
by Thermocompact

TECPOOL and TECFIL are THERMOCOMPACT brand names



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