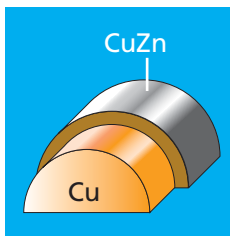




# Stratified Wire: thermo TEX

## Copper Core, CuZn Coating



The new high performance wire, Thermo TEX, is part of a new generation of economic EDM wires that THERMOCOMPACT has developed. For the first time, Thermo TEX combines a very high level of performance (speed and precision) and realistic savings on wear items and maintenance of

wire EDM machines.

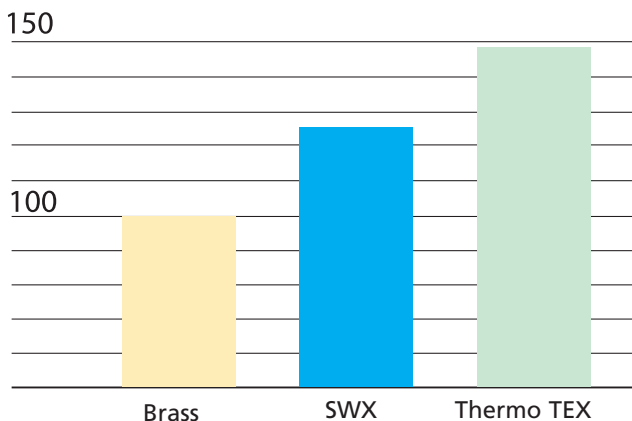
Thermo TEX is particularly suited for use with Charmilles Robofil wire EDM machines.

- Recommended sales price lower than SWX wire
- Very high speed cutting, up to 25% faster than standard coated wires
- Uses standard SWX wire technologies
- Very good improvement of the surface finish on the workpiece during finishing
- Electrical contact life extended up to 20%.
- Filter life increased up to 20%
- Reduction of wire speed and wire consumption possible during cutting of up to 20% less compared to standard wires
- Wire surface is extremely clean, reducing machine maintenance

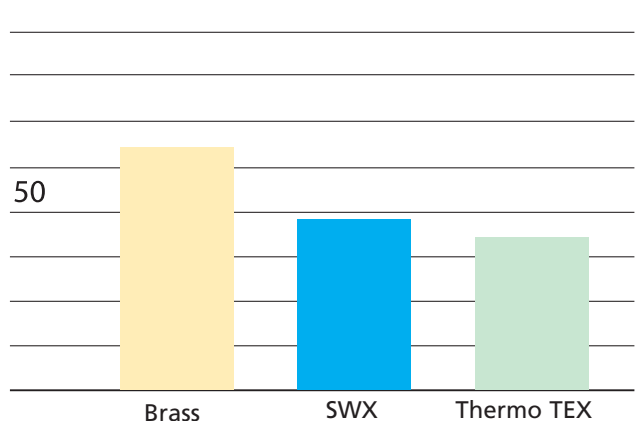
VERY HIGH SPEED  
& PRECISION

Characteristics	Thermo TEX
Core	Copper
Coating	CuZn
Tensile strength	450 N/mm <sup>2</sup>
Yield strength	350 N/mm <sup>2</sup>
Elongation	1 %
Conductibility	70 % IACS

### Relative cutting speed %



### Consumption of wire in Kg per m<sup>2</sup> of machined steel



Test performed on a Charmilles Robofil WEDM machine, steel workpiece, 50mm height

➤ TECSPPOOL and TECFIL are THERMOCOMPACT brand names

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## Stratified Wire: thermo TEX

### Thermo TEX

		T125	T160	T200	K250	JP5
0,010" 0,25mm	Z5TEX	4 Kg 8,8 Lbs	8 Kg 17,6 Lbs	16 Kg 35,3 Lbs	25 Kg 55 Lbs	5 Kg 11 Lbs
		9600 m 31400 Ft	19200 m 62900 Ft	38400 m 125400 Ft	60000 m 196800 Ft	12000 m 39300 Ft
0,012" 0,30mm	30TEX	4 Kg 8,8 Lbs	8 Kg 17,6 Lbs	16 Kg 35,3 Lbs	25 Kg 55 Lbs	5 Kg 11 Lbs
		6600 m 21100 Ft	13200 m 43200 Ft	26500 m 86900 Ft	41400 m 135800 Ft	8300 m 27200 Ft

VERY HIGH SPEED  
& PRECISION

Thermo TEX is only available on:

 TECFIL		
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