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1. GENERAL SPECIFICATIONS

THERMO SA+® is a new EDM wire: its specific new coating limits corrosion with less copper on the cutting part.

THERMO SA+® allows combination of high machining speed (more than 5% compared to **Thermo SA**) and a very clean finish along the cut surfaces (Ra = 0,05 µm in carbide).

THERMO SA+® is particularly well adapted for carbide slicing.

2. DETAILED CHARACTERISTICS

CORE:	Brass 63/37
COATING:	Gamma CuZn + new special coating
DIAMETER TOLERANCE:	0 / - 0.002 mm
OVALISATION:	0.001 mm (maxi)
TENSILE STRENGTH:	900 N/mm ²
YIELD STRENGTH:	790 N/mm ²
ELONGATION:	2%
CONDUCTIBILITY:	21% IACS

3. USAGE RECOMMENDED

USE ON MACHINE: GFMS AgieCharmilles Cut 2000, Cut 200.

USAGE RECOMMENDED: Dies and tools, medical, fine mechanic.

MATERIAL: **tungsten carbide**, Steel, copper, aluminium, nickel, titanium, PCD

Manufactured in Europe by Thermocompact.

NB: this product specification sheet is upgraded on a regular basis, please check it regularly to obtain new tests and comparison performances.