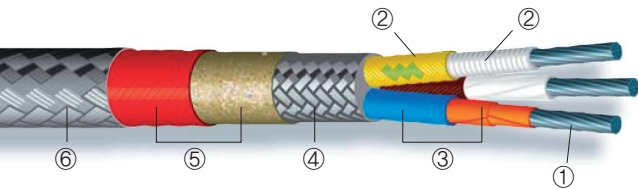


Heat-Resistance Cables

THS 1000 Series + 500°C to + 800°C *

RoHS



- ① Flexible nickel-plated copper core – ASTM B 355.
- ② (Optional) **Teflon®** PTFE tape or 2 **Kapton®** polyimid thermo-welded tapes.
- ③ Composite insulation type THS 1000 in coated mineral fibre.
- ④ (Optional) Electrical screen braid in nickel-plated copper.
- ⑤ Composite sheathing type THS 1000 in mica and coated mineral fibre.
- ⑥ (Optional) Outer shielding in stainless steel AISI 304.

Characteristics

Physical-chemical

- Working temperature : 500 °C to 800 °C *
- Good resistance to thermal shock and ageing.
- Good resistance to mould and humidity.
- Improved resistance to aggressive environments and humidity : ref. THS 1030 and THS 1050.
- Improved resistance to radiation and thermal shock : ref. THS 1050.

Electrical

- Working voltage : up to 600/1000V.
- Test voltage : 2500V.
- Improved dielectric strength : ref. THS 1030 and THS 1050.

Products

- Ref. **THS 1000** : insulation and sheathing type THS 1000.
- Ref. **THS 1030** : insulation and sheathing type THS1000 with **Teflon®** PTFE reinforcement.
- Ref. **THS 1050** : insulation and sheathing type THS 1000 with **Kapton®** polyimid reinforcement.

Packaging

- Rolls or drums.

Applications

- Any high/low current cabling in high-risk environments (fire, projections of metal or molten glass, aggressive environments, explosive atmospheres, etc.).
- Any installations that are permanently subjected to very high temperatures.



Designation

SILIFLAM® THS 1000 M	SILIFLAM® THS 1030 M	SILIFLAM® THS 1050 M
SILIFLAM® THS 1000 M - BI	SILIFLAM® THS 1030 M - BI	SILIFLAM® THS 1050 M - BI
SILIFLAM® THS 1000 M - BCN	SILIFLAM® THS 1030 M - BCN	SILIFLAM® THS 1050 M - BCN
SILIFLAM® THS 1000 M - BCN - BI	SILIFLAM® THS 1030 M - BCN - BI	SILIFLAM® THS 1050 M - BCN - BI

Outer shielding in stainless steel
 Electrical screen braid in nickel-plated copper
 U: SINGLE-CONDUCTOR - M: MULTICONDUCTOR

Cross-sections

Minimum mm ²	Maximum mm ²	Minimum	Maximum
0.22	2.5	2	37
4	6	2	24
10	95	2	5

Number of conductors

Teflon® and Kapton® are registered trademarks of Du Pont de Nemours

