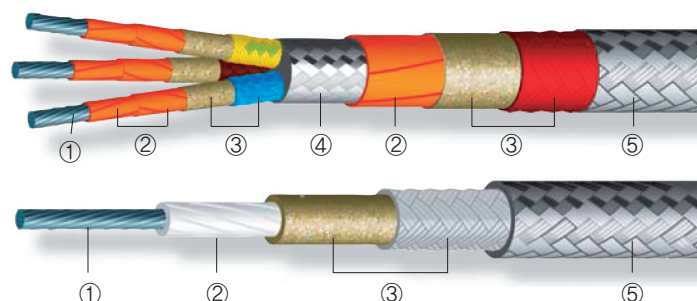


# Heat-Resistance Cables

RoHS

+ 600°C to +1000°C \* THS 1200 Series

- ① Flexible nickel-plated copper core – ASTM B 355.
- ② (Optional) **Teflon®** PTFE tape or 2 **Kapton®** polyimid heat-sealed tapes.
- ③ Composite insulation and sheathing type. THS 1200 in mica and coated mineral fibre.
- ④ (Optional) Electrical screen braid in nickel-plated copper.
- ⑤ (Optional) Outer shielding in stainless steel AISI 304.



## Characteristics

### Physical-chemical

- Working temperature : 600°C to 1000°C \*.
- Good resistance to thermal shocks and ageing.
- Good resistance to mould and humidity.
- Improved resistance to aggressive environments and humidity : ref. THS 1230 and THS 1250.
- 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 1230 and THS 1250.

## Products

- Ref. **THS 1200** : insulation and sheathing type THS 1200.
- Ref. **THS 1230** : insulation and sheathing type THS1200 with **Teflon®** PTFE reinforcement.
- Ref. **THS 1250** : insulation and sheathing type THS 1200 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 1200 U	SILIFLAM® THS 1230 U	SILIFLAM® THS 1250 U
SILIFLAM® THS 1200 U - BI	SILIFLAM® THS 1230 U - BI	SILIFLAM® THS 1250 U - BI
SILIFLAM® THS 1200 M	SILIFLAM® THS 1230 M	SILIFLAM® THS 1250 M
SILIFLAM® THS 1200 M - BI	SILIFLAM® THS 1230 M - BI	SILIFLAM® THS 1250 M - BI
SILIFLAM® THS 1200 M - BCN	SILIFLAM® THS 1230 M - BCN	SILIFLAM® THS 1250 M - BCN
SILIFLAM® THS 1200 M - BCN - BI	SILIFLAM® THS 1230 M - BCN - BI	SILIFLAM® THS 1250 M - BCN - BI
SILIFLAM® THS 1000 M - BCN - BI		

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

## Cross-sections

## Number of conductors

	Minimum mm <sup>2</sup>	Maximum mm <sup>2</sup>	Minimum	Maximum
SINGLE-CONDUCTOR	0.22	630		
	0.22	2.5	2	37
MULTICONDUCTOR	4	6	2	24
	10	95	2	5

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