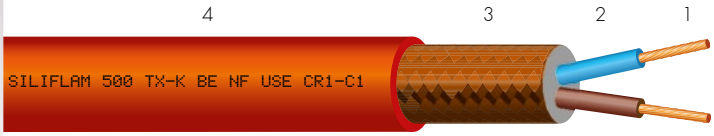
SILIFLAM® 500 TX-K BE
CR1-C1



1 • Flexible bare copper core, class 5 as per IEC 60228.
2 • EI2 fire-resistant elastomer insulation.
3 • Electrical shielding: copper braid.
4 • Outer sheath in fire-resistant elastomer.

Approvals - standards

- Fire-resistant as per NF C 32-070 CR1 test (voltage 300/500 V).
- Fire-resistant as per IEC 60331-21 90 minutes (voltage 600/1,000 V).
- Fire retardant as per NF C 32-070 test C1, IEC 60332-3-22 and IEC 60332-3-24.
- Flame retardant as per NF C 32-070 test C2 and IEC 60332-1-2.
- Halogen free as per IEC 60754-1.
- No smoke corrosiveness as per IEC 60754-2.
- Low smoke opacity as per IEC 61034-2.
- Accepted to the NF-USE certification mark as per standards NF C 32-070 and NF C 32-310.

Applications

- Fire safety circuits in public-access or high-rise buildings.

Options

- No electrical shielding: ref. SILIFLAM 500 TX-K BE.
- Solid or stranded bare copper core: reference PYRISOL 500 EN.

SILIFLAM 500 TX-K BE cables will be installed in compliance with the regulations and the installation standard in force (NFC 15-100). Special arrangements must be made based on outside influences. In particular, in an unsheltered outside installation, these cables must be protected from weather conditions and direct sunlight by being run in sleevings, wireway or cowl. SILIFLAM 500 TX-K BE cables are not designed to be buried or for permanent or temporary immersion.

Characteristics

General

- Rated voltage: 300/500 V.
- Maximum core temperature: +90 °C.
- Minimum bending radius: 10 x diameter.

Standard products

- Outer sheath: brick red.

	Conductor*		Sheath*	
Cross-section (mm^2)	Stranding	Radial thickness	Radial thickness	Outside diameter
2 x 1.5	30 x 0.25	1.0	1.0	11.0
2 x 2.5	50 x 0.25	1.1	1.1	12.5
2 x 4.0	56 x 0.30	1.2	1.2	14.70

* Nominal values.

OMERIN division silisol
BP 87 - ZI du Devey - F 42000 Saint-Étienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 31 82
silisol@omerin.com