



## K-FLEX 2000 H.F. O.R

**Description :** Oil Resistant Halogen Free multi-conductors power and control cable with colour code cores  
**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
 Halogen free insulation compound type **TI6** according to HD 21.14 S1 annex A  
 Colour coded as per VDE 0293  
 Special Oil Resistant Halogen free jacket compound type **TM7** according to HD 21.14 S1 annex B

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.

Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

**Norms :** Self-extinguish according to test method B IEC 60332-1

Flame-resistant according to IEC 60 332.3A

Halogen-free according to IEC 60754-1 (amount of halogen acid gas)

Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Oil resistant according to SEV TB 20 B

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 450/750V
- Spark Test voltage : 3000 V
- Work temperature : -40°C to + 70°C
- Minimum bending radius : For permanent approx. 7,5 x Ø

**Use :** Environmentally friendly, halogen-free Power Connecting and Control Cable especially for electrical equipment and installations in industrial environments, dry or damp interiors. Suitable for fixed installation under medium mechanical load conditions as well as for flexing application at free, non-continuously recurring movement without tensile load or compulsory guidance. Outdoor use with UV-protection only, considering the temperature range. Particularly suitable where human and animal life as well as valuable property are exposed to high risk of fire hazards.