



## K-PLUS 9400 P FHF

**Description :** Flame Retardant, High mechanical resistance multi cores control cable with PUR insulation and PUR jacket, working voltage 300/500 V.

**Design:**



**Construction :** 1Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
 Insulation in Flame Retardant polyurethane-compound TPU FHF according to DIN VDE 0282, part 10, annex A - Black numbered cores with or without green yellow core  
 Outer sheath Flame Retardant polyurethane-compound TPU FHF according to DIN VDE 0282, part 10, annex A, matt and low adhesive surface

**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 :** Flame retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1  
 High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface

Resistant to hydrolysis and microbes  
 Ozone resistant according VDE 0472 part 805 and UV resistant according HD 605 A1  
 Oil Resistant according EN 60811-2-1

Halogen-free according to IEC 60754-1 (amount of halogen acid gas) Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Flame Retardant according UL 94 class V0

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

**Technical dates :**

- Nominal voltage : 600/1.000V
- Spark Test voltage : 6000 V
- Working temperature : Occasional flexing: -25°C to +80°C  
 Fixed installation: -40°C to +90°C
- Minimum bending radius Flexible use: 12.5 x outer Ø  
 Fixed installation: 4 x outer Ø

**Use :** K-PLUS 9400 can be used wherever cables are exposed to wear and tear under extreme conditions. Can only be used outdoors if the temperature range is observed.

For free, non-recurring movement without tensile load or compulsory guidance.

The minimum external diameter reduces the space required for the cable.

Resistant against almost all mineral oils, microbes and very resistant against wear and tear because of high abrasion resistance.

Manufactured free of substances harmful to lacquer (LB-free / silicone free) and is therefore suitable for use in lacquering shops