



## K-PLUS 9000 TPE UL CSA

**Description :** Heat resistant, power supply and control cable with special TPE-V insulated numbered cores and TPE-V outer-sheath. For 300/500 V. Working voltage.

**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
TPE-V Polypropylene and EPDM based elastomer insulation compound  
Black numbered cores + GY core.  
Talcum  
Flame Retardant TPE-V Polypropylene and EPDM based jacket compound - Black.

**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 :** Oil Resistant according EN 60811-1-2:1995  
Hydrolysis-resistant to warm and hot water  
Good chemical resistance to ester-based hydraulic fluids  
Flame-retardant according to IEC 60332-1-2, CSA FT2, UL HB  
According to UL style 21218 and CSA-AWM I A/B II A/B  
Continuous upper temperature resistance according to SAE J2236 (135°C - 1008 hrs)  
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 1.000 V.
- Spark Test voltage : 10.000 V.
- Working temperature : Occasional Flexing: -40°C to +90°C  
Fixed installation: -60°C to +90°C
- Minimum bending radius : For flexible use: 15 x outer Ø  
Fixed installation: 4 x outer Ø

**Use :** This control and supply cable, due to its proved all-weather resistance so as the resistance to a wide range of chemicals and to the ester-based hydraulic fluids is suitable to be used in machine tool building, medical technology, laundries, car washing equipment, chemical industry, composting plants, sewage works, food and beverage industry. It's Suitable for indoor and outdoor use within the indicated operating temperature range.  
This cable is suitable for free, not continuously moving appliance without tensile load or compulsory guidance as well as for fixed laying.