



K-PLUS 9000 P UL CSA

Description : American and Canadian drag chain application, TPE insulated and PUR sheathed control and power cable manufactured for working voltage of 1000.

Design:



Construction : Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6
TPE based elastomer insulation compound
Black numbered cores + GY core
Talc
Special Flame Retardant PUR outer sheath, 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 :

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

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

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

Low smoke density according to IEC 61034

Flame-retardant according to IEC 60332-1-2, CSA FT2, UL HB

According to UL style 20940 and CSA-AWM I A/B II A/B

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

Technical dates :

- Nominal voltage : 1000 V
- Spark Test voltage : 6000 V
- Working temperature : Flexing: -40°C to +80°C
Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 6 x outer diameter
Fixed installation: 3 x outer diameter

Use :

Designed for 10 million alternating bending cycles and horizontal travel distances up to 100 meter.

Suitable for use in power chains, moving machine parts, particularly in wet or oil contaminated areas of machine tools and transfer lines.

Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Suitable for outdoor use within the indicated operating temperature range.