



## K-PLUS 9909 TPE STATIC

**Description :** Polypropylene insulated and TPE sheathed control and power supply cable, bio-oil-resistant, detergent-resistant for use in the food industries, manufactured for working voltage of 300/500V.

**Design:**



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

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

**Technical dates :**

- Nominal voltage : 300/500 V
- Spark Test voltage : 3000 V
- Working temperature : Flexing: -40°C to +80°C  
 Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 15 x outer diameter  
 Fixed installation: 4 x outer diameter

**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.