



## K-FLEX 3015 80°C 1000 V UL CSA

**Description :** American and Canadian oil-resistant Control and Power Cables manufactured according to UL AWM Style 2570 and CSA AWM I A/B II A/B.

**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl. 5  
 PVC Insulation compound TI1 and UL 80°C according to UL 1581  
 Black numbered cores + GY core  
 Outer sheath in special PVC TM2 and UL 80°C according to UL 1581

**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  
 Reduced Fire Propagation, Fire retardant as IEC 60332-3-24 - CEI 20-22 II and NBN C30-004, cat. F2  
 Flame retardant rating UL 758 FT1  
 According to UL styles 2570 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 : UL 1.000 V.  
10.000 V
- Spark Test voltage : Occasional flexing: -5 °C to +80 °C
- Working temperature : Fixed installation: -40 °C to +80 °C  
Occasional flexing: 15 x outer Ø
- Minimum bending radius : Fixed installation: 4 x outer Ø

**Use :** UL and CSA approved Control Cable especially for European and American markets. 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. Mainly in dry, damp and wet interiors (including water-oil mixtures), but not for outdoor use.