



## K-FLEX 6000 CY UL CSA

**Description :** Increased oil-resistant screened Control and Power Cables manufactured according to UL AWM Style 21179 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  
Special PVC Insulation compound 105°C according to UL 1581  
Black numbered cores with or without GY core  
Inner sheath in special PVC according to UL 758  
Tinned copper screening with coverage 85% ± 5%  
Special PVC outer sheath compound 105°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 :** According to UL style 21179 and CSA-AWM I A/B II A/B  
Self-extinguishing, test method B according to DIN VDE 0472 part 804, IEC 60332-1, UL 1581 section 1060 (Vertical Flame and FT1 Test)  
Reduced Fire Propagation according to IEC 60332-3-24  
Oil resistant according: DIN EN 50290-2-22 resp. VDE 0819-102, TM54  
High degree of screening low transfer impedance (max. 250 Ohm/km at 30 MHz)  
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : UL 1000V (IEC 450/750 V.)
- Spark Test voltage : 10.000 V
- Working temperature : Occasional flexing: -5°C to +105°C  
Fixed installation: -40°C to +105°C
- Minimum bending radius Occasional flexing: 20 x outer Ø  
Fixed installation: 6 x outer Ø

**Use :** Efficient stocking! These control cables are especially suitable for export-orientated machinery. These inexpensive cables make work easy, facilitate economic stocking and thus speeds up the export orders. It is suitable for control equipment on machine tools subjected to medium mechanical stresses, for fixed or flexible installation, where free movement is required without tensile stresses and without forced guidance systems, in dry, damp and wet interiors (including water-oil mixtures), but not outdoors.