



## K-FLEX 3000 SY UL CSA

**Description :** American and Canadian oil-resistant, armoured Control and Power supply Cables manufactured according to UL AWM Style 2587 and CSA AWM I A/B II A/B.

**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
PVC Insulation compound type TI3 according to UL 1581  
PVC Inner sheath in special PVC type TM3 according to UL 1581  
Steel wires braiding with coverage 65% ± 5%  
Outer sheath in special PVC type TM3 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 2587 and CSA-AWM I A/B II A/B  
Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1 and CSA FT1  
According to our VDE Reg. Nr. 7097  
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 600 V
- Spark Test voltage : 5000 V
- Working temperature : Occasional flexing: -5°C to +90°C  
Fixed installation: -40°C to +90 °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.