



## K-FLEX 3500 CY 1000 V. UL CSA

**Description :** EMC-compliant, American and Canadian 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  
PVC Insulation compound 90°C type according to UL 1581  
Black numbered cores + GY core  
Polyester tape  
Tinned copper screening with coverage 85% ± 5%  
Outer sheath in special PVC compound 90°C type 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 VW1 and CSA FT1

According to UL styles 11008 - 21179 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.  
IEC 300/500 V.
- Spark Test voltage : 6000 V
- Working temperature : Occasional flexing: -5°C to +90°C  
Fixed installation: -40°C to +90°C
- Minimum bending radius For 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.