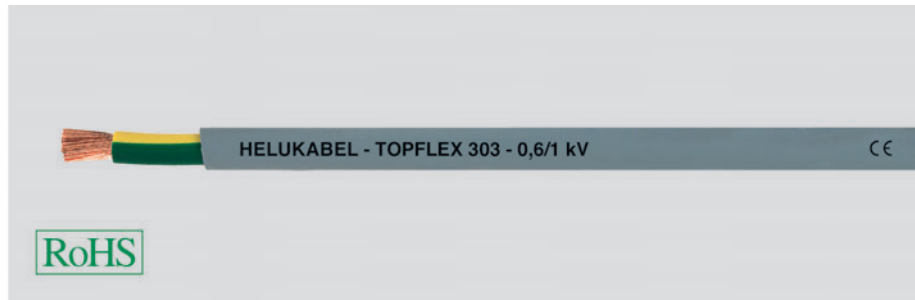
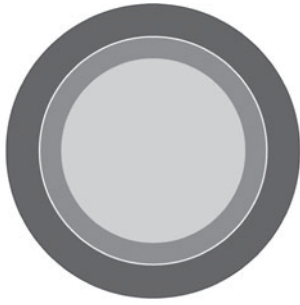


TOPFLEX® 303 X07V-K-YÖ double insulation 0,6/1kV flexible PVC

single core, oil resistant



Technical data

- Special PVC single-core cable with double insulation and oil-resistant sheath
- **Temperature range**
flexing -5 °C to +80 °C
fixed installation -40 °C to +80 °C
- **Nominal voltage**
U₀/U 600/1000 V
- **A.C. test voltage**, 50 Hz
3000 V
- **Insulation resistance**
min. 20 MΩm/km
- **Minimum bending radius**
for flexible installation
approx. 12 cable ø

Cable structure

- Bare copper, fine wire conductor to DIN VDE 0295 cl. 5 and IEC 60228 cl. 5
- Special PVC core insulation, cold-resistant colour black / green-yellow
- Special PVC sheath, TM5 acc. to HD 21.1S2/A16
- Sheath colour grey

Properties

- These cables have been tested according to VDE 207 and VDE 0473 and found to be totally oil resistant
- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- Improved mechanical protection due the double insulation

Application

This cable is used for conditions of increased mechanical stress. For flexible use with free movement without tensile stress or forced movements in dry, moist and wet environments, but not suitable for use outdoors. The cable may be laid in trays, troughs and channels.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

core-/sheath-color black/grey

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
75460	1 x 6	8,5	58,0	94,0	10
75461	1 x 10	9,5	96,0	143,0	8
75462	1 x 16	11,5	154,0	209,0	6
75463	1 x 25	14,0	240,0	308,0	4
75464	1 x 35	15,0	336,0	440,0	2
75465	1 x 50	17,5	480,0	572,0	1
75466	1 x 70	20,0	672,0	792,0	2/0
75467	1 x 95	22,0	912,0	1155,0	3/0
72184	1 x 120	23,5	1152,0	1267,0	4/0
72185	1 x 150	26,5	1440,0	1650,0	300 kcmil
75468	1 x 185	29,0	1776,0	2134,0	350 kcmil
74221	1 x 240	31,0	2304,0	2943,0	500 kcmil
72082	1 x 300	35,0	2880,0	3600,0	600 kcmil

core-/sheath-color green-yellow/grey

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
75449	1 G 6	8,5	57,6	94,0	10
75469	1 G 10	9,5	96,0	143,0	8
73859	1 G 16	11,5	154,0	209,0	6
75470	1 G 25	14,0	240,0	308,0	4
75471	1 G 35	15,0	336,0	440,0	2
75472	1 G 50	17,5	480,0	572,0	1
75473	1 G 70	20,0	672,0	792,0	2/0
75474	1 G 95	22,0	912,0	1155,0	3/0
75475	1 G 120	23,5	1152,0	1267,0	4/0
75476	1 G 150	26,5	1440,0	1650,0	300 kcmil
75477	1 G 185	29,0	1776,0	2134,0	350 kcmil
75478	1 G 240	31,0	2304,0	2943,0	500 kcmil
75479	1 G 300	35,0	2280,0	3600,0	600 kcmil

Dimensions and specifications may be changed without prior notice.