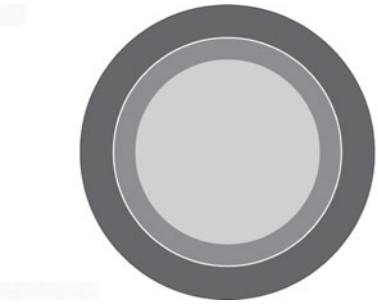
TOPFLEX® 1002 flexible double insulated single core 1000V



Technical data

- Special PVC single-core cable with double insulation approved to UL AWM Style 1032
- **Temperature range**
  flexing -5 °C to +90 °C
  fixed installation -40 °C to +90 °C
- **Nominal voltage**
  acc. to VDE U_0/U 600/1000 V
  acc. to UL 1000 V
- **A.C. test voltage**, 50 Hz
  4000 V
- **Insulation resistance**
  min. 20 MOhm x km
- **Minimum bending radius**
  for flexible installation
  approx. 7,5x cable ø
  for fixed installation
  approx. 3x cable ø

Cable structure

- Bare copper conductor, fine wire stranded
- 1st insulation: special PVC, black colour
- 2nd insulation: special PVC
- Sheath colour black

Properties

- 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)

Application

PVC single-core cable suitable for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms, and in open air (fixed installation).
Must not be installed directly in the ground or water.
This two-approvals single-core cable is preferred for use in export-oriented mechanical engineering, in machine tools, production lines and systems engineering.
CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No.cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
701377	1 x 1,5	16	4,5	14,4	30,0
701378	1 x 2,5	14	5,0	24,0	49,0
701379	1 x 4	12	6,1	38,4	75,0
700160	1 x 6	10	7,2	57,6	118,0
701380	1 x 10	8	9,0	96,0	180,0
700159	1 x 16	6	10,2	154,0	250,0

Part no.	No.cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
701381	1 x 25	4	11,6	240,0	370,0
701382	1 x 35	2	13,0	336,0	490,0
701383	1 x 50	1	16,0	480,0	665,0
701384	1 x 70	2/0	17,1	672,0	910,0
701387	1 x 95	3/0	19,5	912,0	1195,0
701388	1 x 120	4/0	22,3	1152,0	1545,0

Dimensions and specifications may be changed without prior notice.