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Power cable < 1 kV, for flexible applications Purflex PUR-PVC



Application	: Flexible cable for extreme circumstances. Very good oil, hydrolysis and microbes resistant. Suitable for use in moist or damp environments.
TECHNICAL DATA	: TYPE PUR-PVC
Remarks	: Outer sheath matt and low adhesive.
Conductor material	: Copper, bare
Stranding element	: No
Conductor category	: Class 5 = flexible
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Screen over stranding	: None
Model	: Round
Colour outer sheath	: Black
Material outer sheath	: Polyurethane (PUR)
Flame retardant	: No
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -5°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 80°C
Max. conductor temperature	: 80°C
Nominal voltage U ₀	: 300V
Core protecton	: No
Nominal voltage U	: 500V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0151304	4 x 0.5	Yes	5.7	71
0151402	2 x 0.75	No	5.4	67
0151403	3 x 0.75	Yes	5.7	71
0151404	4 x 0.75	Yes	6.2	77
0151405	5 x 0.75	Yes	6.8	85
0151407	7 x 0.75	Yes	7.4	92
0151502	2 x 1	No	5.7	71
0151512	12 x 1	Yes	10.5	131
0151518	18 x 1	Yes	12.7	158
0151602	2 x 1.5	No	6.3	78
0151603	3 x 1.5	Yes	6.7	83
0151604	4 x 1.5	Yes	7.3	91
0151607	7 x 1.5	Yes	9.5	118
0151612	12 x 1.5	Yes	12.8	160
0151703	3 x 2.5	Yes	8.2	102