

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



Application	: Flexible cable for extreme circumstances. Very good oil and media resistant. The cable is free of halogen. This cable has a smaller outer diameter and an extended temperature range: -30°C to +90°C. Suitable for spiral cords.
TECHNICAL DATA	: TYPE PUR-TPE
Remarks	: Extremely resistant to oil, petrol, ozone. Protects from abrasion, suitable for spiral cords.
Conductor material	: Copper, bare
Stranding element	: No
Conductor category	: Class 6 = very flexible
Core insulation material	: Copolymer, thermoplastic
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Screen over stranding	: None
Model	: Round
Material outer sheath	: Polyurethane (PUR)
Flame retardant	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Permitted cable outer temperature during assembling/handling	: -30°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 90°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



ProductNr	Dimension	Protective conductor	Core identification	Colour outer sheath	Outer diameter approx. (mm)
0150004	4 x 0.14	No	Colour	Black	3.6
0150102	2 x 0.25	No	Colour	Black	3.7
0150106	6 x 0.25	No	Colour	Black	4.9
0150107	7 x 0.25	No	Colour	Black	5.2
0150112	12 x 0.25	No	Colour	Black	6.4
0150116	16 x 0.25	No	Colour	Black	7
0150202	2 x 0.34	No	Colour	Black	3.9
0150302	2 x 0.5	No	Numbers	Black	4.4
0150303	3 x 0.5	Yes	Numbers	Black	4.6
0150304	4 x 0.5	Yes	Numbers	Black	5
0150402	2 x 0.75	No	Numbers	Black	4.8
0149402	2 x 0.75	No	Numbers	Orange	4.8
0150403	3 x 0.75	Yes	Numbers	Black	5
0149403	3 x 0.75	Yes	Numbers	Orange	5
0150404	4 x 0.75	Yes	Numbers	Black	5.8
0149404	4 x 0.75	Yes	Numbers	Orange	5.7
0150405	5 x 0.75	Yes	Numbers	Black	6.4
0150407	7 x 0.75	Yes	Numbers	Black	7.3
0150408	8 x 0.75	Yes	Numbers	Black	7.8
0150412	12 x 0.75	Yes	Numbers	Black	9
0150416	16 x 0.75	Yes	Numbers	Black	10
0150425	25 x 0.75	Yes	Numbers	Black	12.8
0150440	40 x 0.75	Yes	Numbers	Black	15.3
0150502	2 x 1	No	Numbers	Black	5.4
0150503	3 x 1	Yes	Numbers	Black	5.7
0149503	3 x 1	Yes	Numbers	Orange	5.7
0150504	4 x 1	Yes	Numbers	Black	6.1
0149504	4 x 1	Yes	Numbers	Orange	6.1
0150505	5 x 1	Yes	Numbers	Black	6.8
0150507	7 x 1	Yes	Numbers	Black	8.2
0149507	7 x 1	Yes	Numbers	Orange	8.2
0150512	12 x 1	Yes	Numbers	Black	9.9
0150525	25 x 1	Yes	Numbers	Black	14.1



ProductNr	Dimension	Protective conductor	Core identification	Colour outer sheath	Outer diameter approx. (mm)
0150602	2 x 1.5	No	Numbers	Black	5.8
0149602	2 x 1.5	No	Numbers	Orange	5.8
0150603	3 x 1.5	Yes	Numbers	Black	6.1
0149603	3 x 1.5	Yes	Numbers	Orange	6.1
0150604	4 x 1.5	Yes	Numbers	Black	6.6
0160604	4 x 1.5	Yes	Numbers	Blue	6.6
0149604	4 x 1.5	Yes	Numbers	Orange	6.6
0150605	5 x 1.5	Yes	Numbers	Black	7.6
0150607	7 x 1.5	Yes	Numbers	Black	9.1
0149607	7 x 1.5	Yes	Numbers	Orange	9.1
0150612	12 x 1.5	Yes	Numbers	Black	10.7
0150618	18 x 1.5	Yes	Numbers	Black	12.9
0150703	3 x 2.5	Yes	Numbers	Black	7.8
0149703	3 x 2.5	Yes	Numbers	Orange	7.8
0150704	4 x 2.5	Yes	Numbers	Black	8.5
0149704	4 x 2.5	Yes	Numbers	Orange	8.5
0150705	5 x 2.5	Yes	Numbers	Black	9.5
0149705	5 x 2.5	Yes	Numbers	Orange	9.5
0150707	7 x 2.5	Yes	Numbers	Black	11.5
0150712	12 x 2.5	Yes	Numbers	Black	13.6
0149804	4 x 4	Yes	Numbers	Orange	11.4
0150904	4 x 6	Yes	Numbers	Black	12.9