



PUMP CABLE EPR/CPE/TPU

600 V

Based on: ASTM B3, ICEA S-75-381

Flat Pump Power Cables

APPLICATIONS

- Heavy-duty flexible for supplying power to pumps
- Other industrial applications

CONSTRUCTION

Conductors	Soft drawn flexible stranded bare copper wires
Separator	A suitable tape separator between the conductor and insulation
Insulation	Ethylene-propylene rubber (EPR)
Circuit identification	Black, red, yellow
Grounding conductor	Soft drawn flexible stranded bare copper wires. Insulation color: green-yellow
Assembly	Three power and grounding conductor shall be laid parallel. Polyester tape applied over each conductor
Internal layer of jacket	A blue heavy duty, CPE thermosetting compound
Outer layer of jacket:	A clear, abrasion resistant TPU (Polyurethane) jacket



Features

Excellent flexibility	Oil and heat resistant
Water, ozone, sun, weather and flame resistant	Suitable for shallow water immersion
Temperature range -40°C to +90°C	Ink jet or indeed printed for easy identification

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Standard length cable packing

1000ft on drums. Other forms of packing and delivery are available on request

Part number	Conductor size	Power conductor stranding	Nominal Insulation Thickness	Nominal Thickness of Internal Jacket	Nominal Thickness of Internal Jacket	Approx. Outside dimensions	Approx. Weight		Ampacity(1)
	AWG or MCM	No. of wires	Inches	Inches	Inches	Inches	lbs/1000ft	kg/km	A
PC6-3WG-TPU	3x6	259 x 0.01	0.045	0.045	0.045	0.51 x 1.12	503	338	75
PC4-3WG-TPU	3x4	412 x 0.01	0.045	0.045	0.045	0.54 x 1.20	674	453	95
PC2-3WG-TPU	3x2	636 x 0.01	0.045	0.045	0.060	0.62 x 1.43	970	652	130
PC2/0-3WG-TPU	3x2/0	1261 x 0.01	0.055	0.060	0.060	0.81 x 1.94	1856	1247	195
PC4/0-3WG-TPU	3x4/0	2007 x 0.01	0.055	0.060	0.060	0.88 x 2.85	3417	2296	260
PC2-3-TPU	3x2 + 5	636 x 0.01	0.045	0.045	0.060	0.60 x 1.77	1236	831	130
PC1/0-3-TPU	3x1/0 + 3	1056 x 0.01	0.055	0.060	0.060	0.72 x 2.17	1922	1292	170
PC2/0-3-TPU	3x2/0 + 2	1261 x 0.01	0.055	0.060	0.060	0.77 x 2.39	2302	1547	195
PC4/0-3-TPU	3x4/0 + 1/0	2007 x 0.01	0.055	0.060	0.060	0.88 x 2.85	3417	2296	260

(1) Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 310.16 of the National Electrical Code®

Standard Print Legend

TF CABLE 3/C (SIZE) HYDRO-FLEX SUBMERSIBLE PUMP CABLE 600V 90°C DRY 75°C WET

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