

POWER CABLE

EPR INSULATION WITH HYPALON® JACKET POWER CABLE 600 VOLT, 90°C WET AND DRY - TYPE TC

Construction

Conductors:

- Coated, annealed copper ASTM B-189.
- Concentric stranded, class B ASTM B-8 and UL-44 paragraph 5.1 (An opaque separator is applied between the conductor and insulation to facilitate stripping.) Grounding conductor (where applicable) uncoated annealed copper class B Stranding.

Insulation:

- EPR Insul. VW1.
- Thickness per UL-44 table 15.3 and ICEA S-68-516 part 3 table 3-1 column B.

Cabling:

- Three and four conductors are assembled round with flame resistant, non-hygroscopic and non-wicking neoprene fillers as needed. A flame resistant, non-hygroscopic and non-wicking tape binder is applied over the assembly. Three conductor cables are cabled with a grounding conductor.

Overall Jacket:

- Heavy duty, flame and sunlight resistant Black VW1 Hypalon® per UL-1277 table 10.1.

Color Coding:

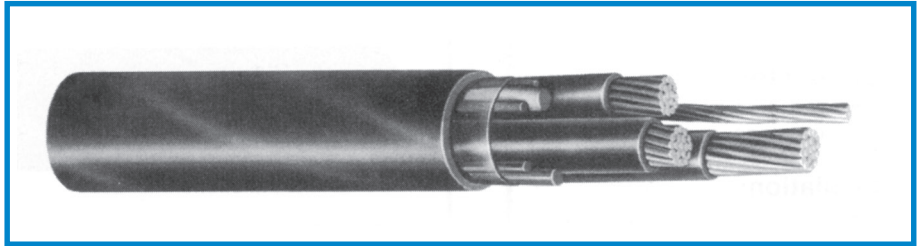
- Black insulation with ICEA Method 4 printed color code.

Scope:

- Cables conform to Article 318 "Cable Trays" and Article 340 "Power and Control Cables Type TC" of the 1981 NEC, Subject 1277 of UL, and ICEA S-66-524; and meet the requirements of the 70,000 BTU "Cable Tray Propagation Test" per IEEE-383. Cables show reserve capabilities by also passing the 210,000 BTU flame test.

Applications:

- UL listed and OSHA acceptable. Recognized for use in Class 1, Division 2 hazardous locations and for installation in trays, wireways, troughs, channels, ducts, conduit and aerially where supported by a messenger. Specifically approved for direct burial, wet or dry locations and outdoors in cable trays where a sunlight resistant rating is required. Designed to supply power to motors, or for connections to other power devices.



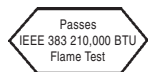
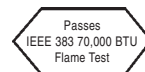
CUSTOM CATALOG NUMBER	SIZE	STRAND	NO. OF COND'S	GROUNDING GDR	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM				INSULATION	JACKET	INCHES	LBS/MFT
THREE CONDUCTORS WITH GROUNDING CONDUCTOR								
22700	8	7	3	10	0.045	0.060	0.660	307
22701	6	7	3	8	0.045	0.060	0.740	424
22702	4	7	3	8	0.045	0.080	0.885	650
22703	2	7	3	6	0.045	0.080	1.010	956
22704	1	19	3	6	0.055	0.080	1.155	1151
22705	1/0	19	3	6	0.055	0.080	1.230	1470
22706	2/0	19	3	6	0.055	0.080	1.325	1781
22707	3/0	19	3	4	0.055	0.080	1.440	2168
22708	4/0	19	3	4	0.055	0.080	1.570	2548
22709	250	37	3	4	0.065	0.110	1.740	3268
22710	350	37	3	3	0.065	0.110	1.990	4155
22711	500	37	3	2	0.065	0.110	2.260	5696
22712	750	61	3	1	0.080	0.140	2.820	8571
FOUR CONDUCTORS WITHOUT GROUNDING CONDUCTOR								
22720	8	7	4	—	0.045	0.060	0.706	384
22721	6	7	4	—	0.045	0.060	0.800	534
22722	4	7	4	—	0.045	0.080	0.958	815
22723	2	7	4	—	0.045	0.080	1.105	1189
22724	1	19	4	—	0.055	0.080	1.261	1516
22725	1/0	19	4	—	0.055	0.080	1.360	1817
22726	2/0	19	4	—	0.055	0.080	1.469	2202
22727	3/0	19	4	—	0.055	0.080	1.594	2820
22728	4/0	19	4	—	0.055	0.110	1.794	3417
22729	250	37	4	—	0.065	0.110	1.955	4112
22730	350	37	4	—	0.065	0.110	2.210	5420
22731	500	37	4	—	0.065	0.110	2.530	7439
22732	750	61	4	—	0.080	0.140	3.120	11203

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Custom Cable Corp.



OSHA Acceptable
Occupational Safety and Health
Administration



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