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## PENDANT AND REELING CONTROL CABLE TYPE TC #14AWG - SMALL DIAMETER 90DEG C, 600VOLTS, UL 1277 SUNLIGHT RESISTANT

### CONSTRUCTION:

**CONDUCTOR** 19 STRANDED SOFT DRAWN BARE COPPER.

**INSULATION** FLAME-RETARDANT POLYMER WITH NYLON JACKET.

**CONDUCTOR IDENTIFICATION** INSULATED CONDUCTORS ARE COLOR CODED PER ICEA METHOD 1 TABLE E-2.

**ASSEMBLY** CONDUCTORS ARE CABLED TOGETHER WITH SUITABLE FILLERS WHERE NEEDED AND A MYLAR TAPE SEPARATOR IS APPLIED OVER THE CONDUCTOR ASSEMBLY.

**OVERALL JACKET** HEAVY DUTY THERMOSETTING BLACK NEOPRENE PER UL 1277, WHICH PROTECTS AGAINST FLAME, CHEMICALS, OIL, MOISTURE, SUNLIGHT, AND ABRASION.

Charlotte Wire Part#	Size AWG	Number of Conductors	Insulation Thickness (in.)		Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
			Polymer	Nylon			
CW03295	14	3	.015"	.004"	.045"	.32"	90
CW03296	14	4	.015"	.004"	.045"	.38"	110
CW03297	14	5	.015"	.004"	.045"	.42"	130
CW03298	14	6	.015"	.004"	.045"	.45"	150
CW03299	14	7	.015"	.004"	.045"	.45"	165
CW03300	14	8	.015"	.004"	.045"	.52"	200
CW03301	14	9	.015"	.004"	.060"	.57"	235
CW03302	14	10	.015"	.004"	.060"	.60"	255
CW03303	14	12	.015"	.004"	.060"	.61"	290
CW03304	14	16	.015"	.004"	.060"	.68"	360
CW03305	14	19	.015"	.004"	.060"	.71"	430
CW03306	14	20	.015"	.004"	.060"	.78"	450
CW03307	14	21	.015"	.004"	.060"	.79"	470
CW03308	14	24	.015"	.004"	.060"	.83"	515
CW03309	14	30	.015"	.004"	.080"	.91"	660
CW03310	14	37	.015"	.004"	.080"	.99"	785

### APPLICATION:

Designed for use in flexing and reeling applications where mechanical toughness and small diameters are needed, such as cranes, hoists, pendant stations, platforms, and other moving industrial equipment. May be used in indoor and outdoor applications, including sunlight resistant, direct burial, and wet or dry locations. Per NEC Articles 336 and 392, approved for installation in

- 1) raceways and cable tray systems including ladders, troughs, channels, solid bottom trays, and other similar structures,
- 2) hazardous locations per Article 501 Class 1 Division 2, and
- 3) Class 1 circuits as permitted in Article 725.

### STANDARDS:

UL Standard 1277 for Type TC Cables.

Passes UL and IEEE383 70,000 BTU Flame Test.

NEC Articles 336 and 392 for Tray Cable uses and constructions.