

## FEP CONTROL CABLE OVERALL SHIELDED 600VOLTS 200DEGREES C

### CONSTRUCTION:

**CONDUCTOR** STRANDED SOFT DRAWN TINNED COPPER.

**INSULATION** FLUORINATED ETHYLENE PROPYLENE (FEP)

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

**ASSEMBLY** CONDUCTORS ARE TWISTED TOGETHER WITH ALUMINUM/MYLAR TAPE SHIELD AND STRANDED TINNED COPPER DRAIN WIRE TO PROVIDE 100% SHIELDING COVERAGE.

**JACKET** BLACK TINT FLUORINATED ETHYLENE PROPYLENE (FEP), WHICH PROTECTS AGAINST HEAT, FLAME, CHEMICALS, AND MOISTURE.

Charlotte Wire Part#	Size AWG	Number of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW04541	18	2	.012"	.015"	.18"	24
CW04542	18	3	.012"	.015"	.19"	32
CW04543	18	4	.012"	.015"	.20"	40
CW04551	16	2	.012"	.015"	.20"	36
CW04552	16	3	.012"	.015"	.21"	46
CW04553	16	4	.012"	.015"	.23"	57
CW04561	14	2	.012"	.015"	.22"	49
CW04562	14	3	.012"	.015"	.24"	64
CW04563	14	4	.012"	.015"	.27"	80
CW04571	12	2	.012"	.015"	.26"	72
CW04572	12	3	.012"	.015"	.28"	95
CW04573	12	4	.012"	.015"	.31"	118
CW04581	10	2	.012"	.015"	.31"	108
CW04582	10	3	.012"	.015"	.33"	140
CW04583	10	4	.012"	.015"	.37"	175

### APPLICATION:

Control, Instrumentation, Signal or Lighting circuits rated 600Volts or less where circuit protection from ambient electrical interference is needed. For use in power plants, petrochemical plants, and heavy industrial locations where resistance to chemicals, acids, oils, moisture, and heat is needed.