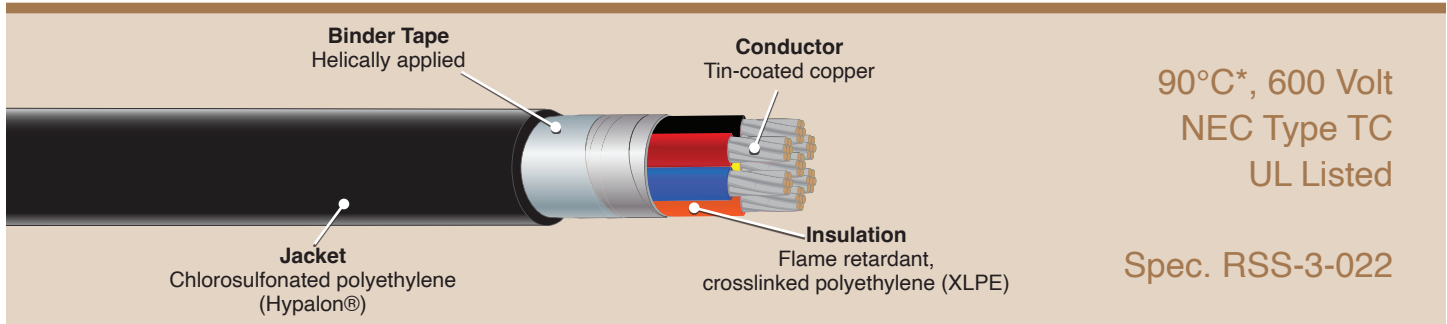


# FIREWALL®

## Firewall® III-C Control Cable XLPE/CSPE (Hypalon®)



### Features

- Thermoset insulation and jacket for enhanced thermal stability
- Specially formulated insulation for superior long term water resistance
- Extremely flame retardant
- Long term sustainability
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- Easy strippability for installation ease

### Performance Standards

- Insulation in accordance with XLPE requirements of ANSI/NEMA WC 57/ICEA / S-73-532
- UL approved 90°C for both wet and dry locations
- Jacket in accordance with ANSI/NEMA WC 57/ICEA S-73-532
- Cable passes UL 1685 and IEEE 383-1974 Cable Tray Tests
- Single conductors pass UL VW-1 Flame Test
- UL Listed Type TC for Cable Tray Installation (UL 1277)
- UL Listed for Direct Burial (UL 1277)\*\*
- UL Listed for Sunlight Resistance

### Construction

- **Conductor:** Annealed, tin-coated copper, Class “B” strand (ASTM B8 & B33)
- **Insulation:** Proprietary heat, moisture, flame retardant, and radiation resistant crosslinked polyethylene (XLPE)
- **Circuit Identification:** Colored insulation per ICEA Method 1, Table E-1 or E-2 identification
- **Fillers:** As applicable
- **Binder Tape:** Helically applied
- **Jacket:** Black, chlorosulfonated polyethylene (CSPE) Hypalon®

### Scope

Firewall® III-C is a high quality commercial grade multi-conductor tray cable with both thermoset insulation and jacket engineered to operate continuously in rugged environments. For indoor or outdoor use, installed in metal trays, conduits, ducts, or direct burial applications. It is intended for use in critical circuits for control and signaling functions.

\* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

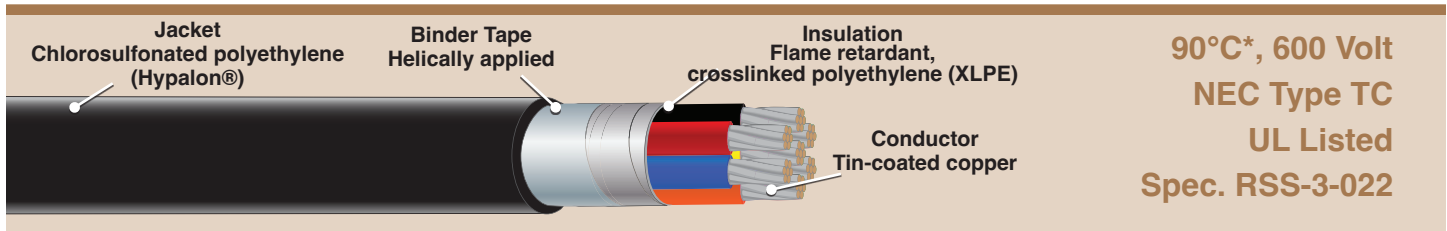
\*\* Constructions with 4 conductors or more listed for direct burial applications



Made in the USA



Marmon Electrical  
A Berkshire Hathaway Company



### 14 AWG, 7 Strand

Product Code (E-2 Color)	Product Code (E-1 Color)	Number of Conductors	Insulation Thickness (inch)	Insulation Thickness (mm)	Insulation Diameter (inch)	Insulation Diameter (mm)	Jacket Thickness (inch)	Jacket Thickness (mm)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
C53-0022	C53-0023	2	0.030	0.762	0.140	3.556	0.045	1.143	0.365	9.27	75
C53-0032	C53-0033	3	0.030	0.762	0.140	3.556	0.045	1.143	0.385	9.78	95
C53-0042	C53-0043	4	0.030	0.762	0.140	3.556	0.045	1.143	0.420	10.67	120
C53-0052	C53-0053	5	0.030	0.762	0.140	3.556	0.045	1.143	0.455	11.56	140
C53-0072	C53-0073	7	0.030	0.762	0.140	3.556	0.045	1.143	0.495	12.57	180
C53-0092	C53-0093	9	0.030	0.762	0.140	3.556	0.060	1.524	0.610	15.49	245
C53-0122	C53-0123	12	0.030	0.762	0.140	3.556	0.060	1.524	0.680	17.27	315
C53-0192	C53-0193	19	0.030	0.762	0.140	3.556	0.060	1.524	0.795	20.19	465
C53-0252	C53-0253	25	0.030	0.762	0.140	3.556	0.080	2.032	0.955	24.26	640
C53-0372	C53-0373	37	0.030	0.762	0.140	3.556	0.080	2.032	1.100	27.94	900

### 12 AWG, 7 Strand

Product Code (E-2 Color)	Product Code (E-1 Color)	Number of Conductors	Insulation Thickness (inch)	Insulation Thickness (mm)	Insulation Diameter (inch)	Insulation Diameter (mm)	Jacket Thickness (inch)	Jacket Thickness (mm)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
C52-0022	C52-0023	2	0.030	0.762	0.160	4.064	0.045	1.143	0.400	10.16	95
C52-0032	C52-0033	3	0.030	0.762	0.160	4.064	0.045	1.143	0.425	10.80	125
C52-0042	C52-0044	4	0.030	0.762	0.160	4.064	0.045	1.143	0.460	11.68	160
C52-0052	C52-0053	5	0.030	0.762	0.160	4.064	0.045	1.143	0.520	13.21	190
C52-0074	C52-0077	7	0.030	0.762	0.160	4.064	0.060	1.524	0.580	14.73	265
C52-0092	C52-0093	9	0.030	0.762	0.160	4.064	0.060	1.524	0.675	17.15	335
C52-0122	C52-0123	12	0.030	0.762	0.160	4.064	0.060	1.524	0.755	19.18	435
C52-0192	C52-0193	19	0.030	0.762	0.160	4.064	0.080	2.032	0.925	23.50	685
C52-0252	C52-0253	25	0.030	0.762	0.160	4.064	0.080	2.032	1.070	27.18	885
C52-0372	C52-0373	37	0.030	0.762	0.160	4.064	0.080	2.032	1.230	31.24	1260

### 10 AWG, 7 Strand

Product Code (E-2 Color)	Product Code (E-1 Color)	Number of Conductors	Insulation Thickness (inch)	Insulation Thickness (mm)	Insulation Diameter (inch)	Insulation Diameter (mm)	Jacket Thickness (inch)	Jacket Thickness (mm)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
C51-0022	C51-0023	2	0.030	0.762	0.180	4.572	0.045	1.143	0.450	11.43	130
C51-0032	C51-0033	3	0.030	0.762	0.180	4.572	0.045	1.143	0.475	12.07	175
C51-0042	C51-0043	4	0.030	0.762	0.180	4.572	0.045	1.143	0.510	12.95	225
C51-0052	C51-0053	5	0.030	0.762	0.180	4.572	0.060	1.524	0.600	15.24	280
C51-0072	C51-0073	7	0.030	0.762	0.180	4.572	0.060	1.524	0.655	16.64	375
C51-0092	C51-0093	9	0.030	0.762	0.180	4.572	0.060	1.524	0.760	19.30	475
C51-0122	C51-0123	12	0.030	0.762	0.180	4.572	0.080	2.032	0.895	22.73	650
C51-0192	C51-0193	19	0.030	0.762	0.180	4.572	0.080	2.032	1.045	26.54	975
C51-0252	C51-0253	25	0.030	0.762	0.180	4.572	0.080	2.032	1.205	30.61	1260
C51-0372	C51-0373	37	0.030	0.762	0.180	4.572	0.080	2.032	1.400	35.56	1805

\* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

\*\* Constructions with 4 conductors or more listed for direct burial applications