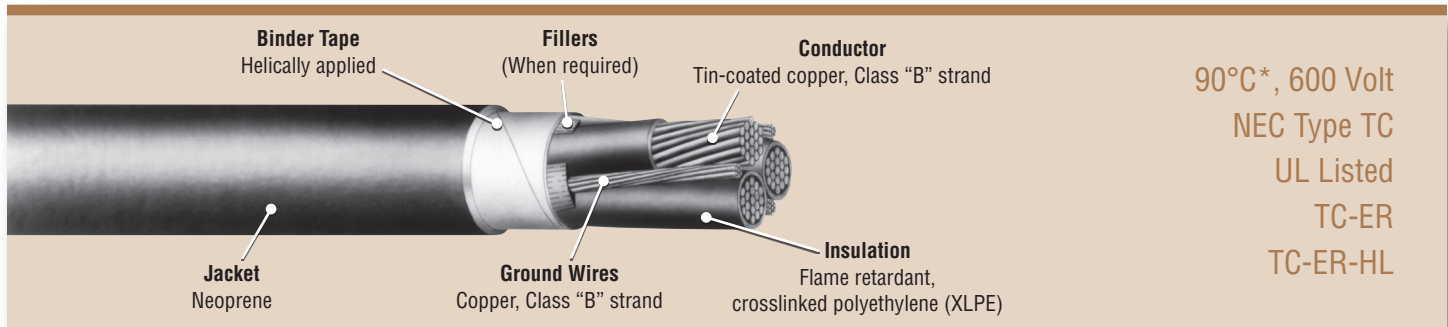


Rock-Tuff® Industrial Power Cable (XLPE/Neoprene)

RSCC Industrial Cable
www.r-scc.com



Features

- Thermoset insulation and jacket for enhanced thermal stability
- Extremely flame retardant
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- All jackets have printed sequential footage markers for improved inventory control
- Easy strippability for installation use
- Oil resistant jacket
- Sunlight/weather resistant
- Listed as TC-ER or TC-ER-HL

Scope

Rock-Tuff® Industrial Power Cable is a totally thermoset construction specifically designed for reliable performance under harsh conditions in industrial applications. It may be installed in trays, ducts, conduits or in direct burial applications to perform a variety of low voltage power, lighting and related functions.

Performance Standards

- Insulation in accordance with ICEA standard S-66-524 and UL 44 for type XHHW-2
- Jackets in accordance with ICEA standard S-19-81 for neoprene
- Cable passes IEEE 1202/FT4 Flame Test
- Single conductors pass the vertical flame tests specified in IEEE-383 1974 Para. 2.5.6 (ICEA S-19-81 Section 6.19.6) and UL VW-1
- UL Listed Type TC-ER or TC-ER-HL for cable tray installations (UL 1277)
- In accordance with the National Electrical Code approved for Class 1, Division 2 hazardous locations and Class 1, Division 1 hazardous locations

Construction

Conductor: Annealed, tin-coated copper, Class “B” strand (ASTM B-8 & B-33)

Insulation: Heat and moisture resistant, flame retardant crosslinked polyethylene

Circuit Identification: Printed numbers per ICEA Method 4

Ground Wires(s): Annealed copper Class “B” strand, sized to comply with NEC requirements

Fillers: Flame retardant polypropylene, as required

Binder Tape: Helically applied

Jacket: Black, heavy-duty neoprene**

Note: Sizes 250 kcmil and larger are normally supplied with neoprene jackets.

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

** Also available with CSPE and FR-XLPE jacket as type TC.



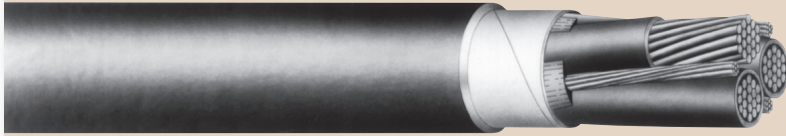
Made in the USA



Marmon Electrical
A Berkshire Hathaway Company

Rock-Tuff® Industrial Power Cable

(XLPE/Neoprene)



90°C*, 600 Volt
NEC Type TC
UL Listed
TC-ER
TC-ER-HL

Three Conductors

Product Code	Conductor Size (AWG/kcmil)	Number of Strands	Insulation Thickness (inch)	Insulation Thickness (mm)	No. & Size of Ground Wires	Jacket Thickness (Mils)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
RTUFF-14-3G-600V	14	7	.030	.76	3-18 AWG	45	.38	9.65	125
RTUFF-12-3G-600V	12	7	.030	.76	3-16 AWG	45	.42	10.67	170
RTUFF-10-3G-600V	10	7	.030	.76	3-14 AWG	45	.47	11.94	235
RTUFF-8-3G-600V	8	7	.045	.76	3-14 AWG	60	.64	16.26	355
RTUFF-6-3G-600V	6	7	.045	.76	3-12 AWG	60	.72	18.29	510
RTUFF-4-3G-600V	4	7	.045	.76	3-12 AWG	60	.82	20.83	685
RTUFF-2-3G-600V	2	7	.045	.76	3-10 AWG	80	.99	25.15	1045
RTUFF-1-3G-600V	1	19	.055	1.40	3-10 AWG	80	1.11	28.19	1290
RTUFF-1/0-3G-600V	1/0	19	.055	1.40	3-10 AWG	80	1.20	30.48	1545
RTUFF-2/0-3G-600V	2/0	19	.055	1.40	3-10 AWG	80	1.29	32.77	1850
RTUFF-3/0-3G-600V	3/0	19	.055	1.40	3-8 AWG	80	1.40	35.56	2310
RTUFF-4/0-3G-600V	4/0	19	.055	1.40	3-8 AWG	80	1.52	38.61	2785
RTUFF-250-3G-600V	250	37	.065	1.65	3-8 AWG	110	1.74	44.20	3385
RTUFF-350-3G-600V	350	37	.065	1.65	3-7 AWG	110	1.96	49.78	4435
RTUFF-500-3G-600V	500	37	.065	1.65	3-6 AWG	110	2.24	56.90	6190
RTUFF-750-3G-600V	750	61	.080	2.03	3-5 AWG	110	2.70	68.58	9130

Four Conductors

Product Code	Conductor Size (AWG/kcmil)	Number of Strands	Insulation Thickness (inch)	Insulation Thickness (mm)	No. & Size of Ground Wires	Jacket Thickness (Mils)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
RTUFF-14-4G-600V	14	7	.030	.76	3-18 AWG	45	.42	10.67	150
RTUFF-12-4G-600V	12	7	.030	.76	3-16 AWG	45	.47	11.94	200
RTUFF-10-4G-600V	10	7	.030	.76	3-14 AWG	60	.55	13.97	300
RTUFF-8-4G-600V	8	7	.045	.76	2-12 AWG	60	.70	17.78	430
RTUFF-6-4G-600V	6	7	.045	.76	2-10 AWG	60	.79	20.07	610
RTUFF-4-4G-600V	4	7	.045	.76	2-10 AWG	80	.94	23.88	885
RTUFF-2-4G-600V	2	7	.045	.76	2-8 AWG	80	1.09	27.69	1315
RTUFF-1-4G-600V	1	19	.055	1.40	2-8 AWG	80	1.23	31.24	1620
RTUFF-1/0-4G-600V	1/0	19	.055	1.40	2-8 AWG	80	1.32	33.53	1920
RTUFF-2/0-4G-600V	2/0	19	.055	1.40	2-8 AWG	80	1.43	36.32	2340
RTUFF-3/0-4G-600V	3/0	19	.055	1.40	2-7 AWG	80	1.55	39.37	2825
RTUFF-4/0-4G-600V	4/0	19	.055	1.40	2-7 AWG	110	1.75	44.45	3620
RTUFF-250-4G-600V	250	37	.065	1.65	2-7 AWG	110	1.92	48.77	423
RTUFF-350-4G-600V	350	37	.065	1.65	2-6 AWG	110	2.17	55.12	5700
RTUFF-500-4G-600V	500	37	.065	1.65	2-5 AWG	110	2.48	62.99	7850

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



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