

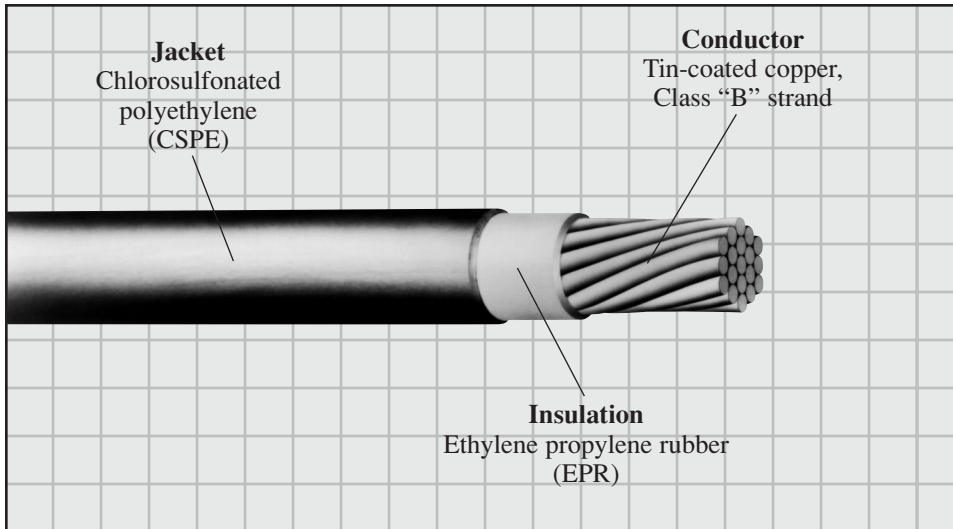
Firewall® EP

Power Cable

(EPR/CSPE)

90°C*, 600 Volt
NEC Type RHH or RHW-2
or USE-2
UL Listed**

Spec. RSS-6-005



Scope

Firewall® EP is a thermoset, low voltage, one conductor power cable. It is designed to perform a variety of power feeder and distribution functions. Firewall® EP

offers excellent performance in adverse environments and may be installed indoors or outdoors, in trays, ducts, conduits or directly buried in earth.***

Features

- Thermoset insulation and jacket for enhanced thermal stability
- Specially formulated insulation for superior long term water resistance
- Flame retardant
- Flexible for installation ease
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- All cables pass a wet dielectric (tank) test to verify insulation integrity
- Easy strippability for installation ease
- Jackets have printed sequential footage markers for improved inventory control (6 AWG & larger)

Performance Standards

- Factory Mutual Research Corp. group "1" fire rated per "Specification Test Standard for Cable Fire Propagation, Class 3972" (1/0 AWG and larger)
- Insulation in accordance with ICEA standard S-95-658 for both Type I & II classifications
- Jackets in accordance with ICEA standard S-95-658 for heavy-duty chlorosulfonated polyethylene (CSPE)
- UL listed as Types RHH, RHW-2 or USE-2**
- UL listed for "CT USE" on sizes 1/0 AWG and larger
- Size 1/0 AWG and larger pass the ICEA 70,000 BTU/hr and the UL 1581 vertical tray flame test
- Cable passes the UL VW-1 vertical flame test

Construction

Conductor:

Annealed, tin-coated copper, Class "B" strand (ASTM B-8 & B-33)

Insulation:

Proprietary heat and moisture resistant ethylene-propylene-rubber (EPR)

Jacket:

Black, heavy-duty chlorosulfonated polyethylene

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

** All sizes except 14 AWG for Type USE-2.

*** Size 9 AWG and smaller are not recommended for direct burial in earth.

Firewall® EP Power Cable



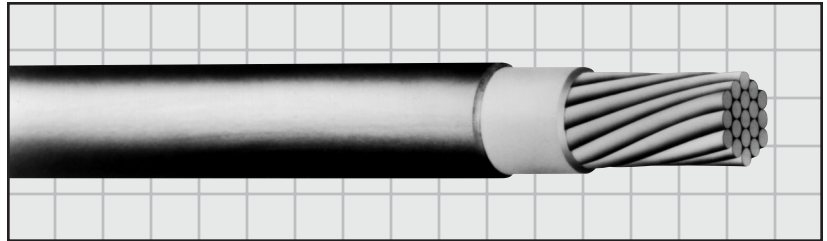
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90°C*, 600 Volt

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Product Code	Conductor Size (AWG/kcmil)	Number of Strands	Insulation Thickness		Jacket Thickness (Mils)	Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
			(Inch)	(mm)		(Inch)	(mm)	
P68-0140	14	7	.030	.76	15	.18	4.57	25
P68-0120	12	7	.030	.76	15	.20	5.08	35
P68-0110	10	7	.030	.76	15	.22	5.59	50
P68-0080	8	7	.045	1.14	15	.28	7.11	80
P68-0060	6	7	.045	1.14	30	.34	8.64	120
P68-0040	4	7	.045	1.14	30	.39	9.91	180
P68-0020	2	7	.045	1.14	30	.44	11.18	260
P68-0010	1	19	.055	1.40	45	.53	13.46	350
P68-0100	1/0	19	.055	1.40	45	.57	14.48	425
P68-0200	2/0	19	.055	1.40	45	.62	15.75	520
P68-0300	3/0	19	.055	1.40	45	.67	17.02	635
P68-0400	4/0	19	.055	1.40	45	.72	18.29	780
P68-0250	250	37	.065	1.65	65	.83	21.08	955
P68-0350	350	37	.065	1.65	65	.94	23.88	1290
P68-0510	500	37	.065	1.65	65	1.07	27.18	1790
P68-0750	750	61	.080	2.03	65	1.28	32.51	2640
P68-1000	1000	61	.080	2.03	65	1.43	36.32	3475

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** All sizes except 14 AWG for Type USE-2.