

Type SOOW Cable

90°C, 600V

Construction

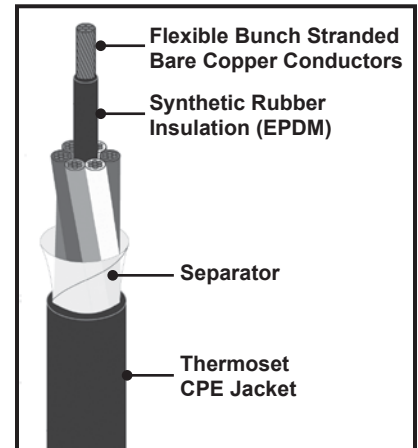
Stranded bare copper, EPR insulation, suitable fillers, separator, oil- and weather-resistant, black CPE jacket.

Specifications

Meets or exceeds all applicable requirements of:

- UL 62 (Flexible Cord and Fixture Wire)
- CSA Standard 22.2 No. 49 (Flexible Cords and Cables)
- Mine Safety and Health Administration (MSHA) flame resistance for Mining Applications

This product complies with the requirements of Federal and Military Specification JC-580B, NEC® Article 400 and is OSHA acceptable.



Applications

Permitted for use as specified by Article 400 and related articles of the NEC®. Some typical applications for Type SOOW Cords include wiring for industrial machinery, motors and associated equipment, portable tools and equipment, and temporary electrical power and lighting installations for construction sites. Type SOOW Cords are suitable for use in (i) dry locations not to exceed minimum -40°C or maximum 90°C or (ii) wet locations or other applicable locations. When exposed to oil or coolant at temperatures not to exceed 60°C. Type SOOW cords are ideal for flex applications in harsh environments where the highest degree of oil resistance and extended service life are essential.

AWG	Stranding	Nominal Insul. Thickness (mils)	Nom. Overall Dia. (mils)	Weight (lbs/M-ft)	Ampacity	AWG	Stranding	Nominal Insul. Thickness (mils)	Nom. Overall Dia. (mils)	Weight (lbs/M-ft)	Ampacity
18/2	16 x 30	30	345	70	10	8/2*	65 x 26	50	660	290	40
18/3	16 x 30	30	365	80	7	8/3*	65 x 26	50	720	365	35
18/4	16 x 30	30	390	95	5.6	8/4*	65 x 26	50	780	500	28
16/2	26 x 30	30	370	80	13	8/5*	65 x 26	50	860	545	28
16/3	26 x 30	30	390	95	10	6/3*	101 x 26	50	800	515	45
16/4	26 x 30	30	420	115	8	6/4*	101 x 26	50	845	620	36
14/2	41 x 30	45	510	135	18	6/5*	101 x 26	50	945	750	36
14/3	41 x 30	45	535	170	15	4/2*	119 x 25	50	890	500	70
14/4	41 x 30	45	575	205	12	4/3*	119 x 25	50	940	670	60
12/2	65 x 30	45	570	195	25	4/4*	119 x 25	50	1,010	835	48
12/3	65 x 30	45	595	225	20	4/5*	119 x 25	50	1,135	1,065	48
12/4	65 x 30	45	650	270	16	2/3*	133 x .0211	55	1,090	1,030	80
10/2	104 x 30	45	620	250	30	2/4*	133 x .0211	55	1,170	1,285	64
10/3	104 x 30	45	660	290	25	2/5*	133 x .0211	55	1,435	1,620	64
10/4	104 x 30	45	715	355	20						

Information based on AIW specs.

*Not UL or CSA, but manufactured to acceptable commercial standards. 2-8 AWG are non-UL and non-CSA, but the option is available.

For SDN® Flexible Control Cable see page 16 in the Instrumentation & Tray section



See referenced pages in the Hardware & Supplies section

Suggested Prep Tools

- Cable End Strippers 2x2, 4x4 - I-9
- MKO1A Jacket Stripper - I-11
- 721 Multi-Wire Stripper/Cutter - I-9