

PORTABLE CORD



- ▶ **Type SOOW**
- ▶ **Multi-Conductor**
- ▶ **EPDM**
- ▶ **600V**

PRODUCT CONSTRUCTION

Conductor: 18 AWG and 16 AWG fully annealed, stranded, bare copper per ASTM B-174.

Insulation: Premium-grade, color-coded 90°C EPDM. See color chart.

Jacket: Black. Temperature range: -40°C to +90°C.

APPLICATIONS

For use with control circuits; tools; and heavy industrial, processing and construction equipment.

FEATURES

Resistant to oil, solvents, flame, abrasion, ozone, sunlight (UV), water and weather. Extra-flexible stranding. 90°C-rated conductors and jacket.

UL listed and CSA certified for indoor and outdoor use.

COMPLIANCES

Industry: UL flexible cord (UL Subject 62, CSA Flexible Cord (C22.2-49), MSHA approved, RoHS compliant)

USAWC Part #	Size (AWG)	No. of Conductors	Cond. Strand	Nominal Insulation Thickness		Nominal O.D.		Current Amps [†]	Approx. Net Wt.* (lbs./1000 ft.)
				(Inches)	(mm)	(Inches)	(mm)		
Type SOOW, Non-UL – 600V									
USA18-05SOOW	18	5	16/30	0.030	0.76	0.465	11.81	5.6	141
USA18-06SOOW	18	6	16/30	0.030	0.76	0.495	12.57	5.6	152
USA18-07SOOW	18	7	16/30	0.030	0.76	0.520	13.21	5.6	172
USA18-08SOOW	18	8	16/30	0.030	0.76	0.530	13.46	4.9	177
USA18-10SOOW	18	10	16/30	0.030	0.76	0.595	15.11	4.9	225
USA18-12SOOW	18	12	16/30	0.030	0.76	0.600	15.24	3.5	240
USA18-14SOOW	18	14	16/30	0.030	0.76	0.630	16.00	3.5	265
USA18-16SOOW	18	16	16/30	0.030	0.76	0.700	17.78	3.5	310
USA18-18SOOW	18	18	16/30	0.030	0.76	0.760	19.30	3.5	345
USA18-20SOOW	18	20	16/30	0.030	0.76	0.795	20.19	3.5	382
USA18-22SOOW	18	22	16/30	0.030	0.76	0.805	20.45	3.1	400
USA18-24SOOW	18	24	16/30	0.030	0.76	0.850	21.59	3.1	451
USA18-27SOOW	18	27	16/30	0.030	0.76	0.865	21.97	3.1	475
USA18-30SOOW	18	30	16/30	0.030	0.76	0.915	23.24	3.1	533

USA16-05SOOW	16	5	26/30	0.030	0.76	0.495	12.57	8.0	167
USA16-06SOOW	16	6	26/30	0.030	0.76	0.520	13.21	8.0	182
USA16-07SOOW	16	7	26/30	0.030	0.76	0.540	13.72	8.0	194
USA16-08SOOW	16	8	26/30	0.030	0.76	0.575	14.61	7.0	218
USA16-09SOOW	16	9	26/30	0.030	0.76	0.600	15.24	7.0	243
USA16-10SOOW	16	10	26/30	0.030	0.76	0.620	15.75	5.0	255
USA16-12SOOW	16	12	26/30	0.030	0.76	0.660	16.76	5.0	296
USA16-14SOOW	16	14	26/30	0.030	0.76	0.730	18.54	5.0	352
USA16-16SOOW	16	16	26/30	0.030	0.76	0.740	18.80	5.0	383
USA16-18SOOW	16	18	26/30	0.030	0.76	0.770	19.56	5.0	417
USA16-20SOOW	16	20	26/30	0.030	0.76	0.810	20.57	5.0	457
USA16-22SOOW	16	22	26/30	0.030	0.76	0.900	22.86	4.5	510
USA16-24SOOW	16	24	26/30	0.030	0.76	0.925	23.50	4.5	563
USA16-26SOOW	16	26	26/30	0.030	0.76	0.965	24.51	4.5	611
USA16-30SOOW	16	30	26/30	0.030	0.76	1.010	25.65	4.5	767

[†]Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current-carrying capacity. Ampacities are based on NEC Table 400.5(A)

*Actual shipping weight may vary.

Color Code Chart

No. of Cond.	Color	Tracer	No. of Cond.	Color	Tracer	No. of Cond.	Color	Tracer
1	Black	—	8	Red	Black	15	Blue	White
2	White	—	9	Green	Black	16	Black	Red
3	Red	—	10	Orange	Black	17	White	Red
4	Green	—	11	Blue	Black	18	Orange	Red
5	Orange	—	12	Black	White	19	Blue	Red
6	Blue	—	13	Red	White	20	Red	Green
7	White	Black	14	Green	White	21	Orange	Green

Note: Colors repeat after 21 conductors.