

PORTABLE CORD



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

PRODUCT CONSTRUCTION

Conductor: 14 through 10 AWG fully annealed, stranded, bare copper per ASTM B174.

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 and tools plus 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 – 600V – UL/CSA									
USA14-05SOOW	14	5	41/30	0.045	1.14	0.645	16.38	12.0	269
USA14-06SOOW	14	6	41/30	0.045	1.14	0.710	18.03	12.0	317
USA14-07SOOW	14	7	41/30	0.045	1.14	0.710	18.03	12.0	347
USA14-08SOOW	14	8	41/30	0.045	1.14	0.760	19.30	10.5	430
USA14-09SOOW	14	9	41/30	0.045	1.14	0.830	21.08	10.5	417
USA14-10SOOW	14	10	41/30	0.045	1.14	0.820	20.83	10.5	427
USA14-12SOOW	14	12	41/30	0.045	1.14	0.855	21.72	7.5	493
USA14-14SOOW	14	14	41/30	0.045	1.14	1.000	25.40	7.5	601
USA14-16SOOW	14	16	41/30	0.045	1.14	1.030	26.16	7.5	678
USA14-18SOOW	14	18	41/30	0.045	1.14	1.100	27.94	7.5	720
USA14-20SOOW	14	20	41/30	0.045	1.14	1.120	28.45	7.5	806
USA14-24SOOW	14	24	41/30	0.045	1.14	1.260	32.00	6.7	1003
USA14-28SOOW	14	28	41/30	0.045	1.14	1.330	33.78	6.7	1080
USA14-30SOOW	14	30	41/30	0.045	1.14	1.335	33.91	6.0	1153

USA12-05SOOW	12	5	65/30	0.045	1.14	0.715	18.16	16.0	333
USA12-06SOOW	12	6	65/30	0.045	1.14	0.740	18.80	16.0	412
USA12-07SOOW	12	7	65/30	0.045	1.14	0.790	20.07	16.0	465
USA12-08SOOW	12	8	65/30	0.045	1.14	0.825	20.96	14.0	526
USA12-09SOOW	12	9	65/30	0.045	1.14	0.900	22.86	14.0	517
USA12-10SOOW	12	10	65/30	0.045	1.14	1.000	25.40	14.0	649
USA12-12SOOW	12	12	65/30	0.045	1.14	1.010	25.65	10.0	669
USA12-14SOOW	12	14	65/30	0.045	1.14	1.020	25.91	10.0	731
USA12-16SOOW	12	16	65/30	0.045	1.14	1.135	28.83	10.0	933
USA12-18SOOW	12	18	65/30	0.045	1.14	1.175	29.85	10.0	920
USA12-20SOOW	12	20	65/30	0.045	1.14	1.170	29.72	10.0	989
USA12-24SOOW	12	24	65/30	0.045	1.14	1.435	36.45	9.0	1273
USA12-26SOOW	12	26	65/30	0.045	1.14	1.380	35.05	9.0	1324
USA12-27SOOW	12	27	65/30	0.045	1.14	1.455	37.72	9.0	1325
USA12-28SOOW	12	28	65/30	0.045	1.14	1.500	38.10	9.0	1355
USA12-30SOOW	12	30	65/30	0.045	1.14	1.455	36.96	9.0	1492

USA10-05SOOW	10	5	104/30	0.045	1.14	0.770	19.56	20.0	472
USA10-06SOOW	10	6	104/30	0.045	1.14	0.875	22.23	20.0	565
USA10-07SOOW	10	7	104/30	0.045	1.14	0.900	22.86	20.0	552
USA10-08SOOW	10	8	104/30	0.045	1.14	0.935	23.75	17.5	682
USA10-10SOOW	10	10	104/30	0.045	1.14	1.020	25.91	17.5	758
USA10-12SOOW	10	12	104/30	0.045	1.14	1.070	27.18	12.5	871
USA10-16SOOW	10	16	104/30	0.045	1.14	1.230	31.24	12.5	1147
USA10-20SOOW	10	20	104/30	0.045	1.14	1.325	33.66	12.5	1445

[†]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.