

# Types SJTO and STO

60°C 300 and 600 Volt UL Portable Cord

## Product Construction:

### Conductors:

- 18 through 6 AWG, fully annealed stranded bare copper per ASTM B-174

### Insulation:

- Premium-grade, color-coded PVC
- Color Code: See chart below

### Jacket:

- Polyvinylchloride (PVC), Gray or Yellow
- Temperature range: -20°C to +60°C
- Voltage rating:  
300 Volts Type SJTO  
600 Volts Type STO

### Jacket Marking:

- (SIZE) (mm<sup>2</sup>) 60C SJTO (or STO)  
(UL) P-123 MSHA RoHS  
MADE IN USA 300V (or 600V)

## Applications:

- Portable tools
- Motors
- Floor maintenance equipment
- Hospital equipment
- Sound equipment
- Washing machines
- Portable lights
- Lamps and similar equipment

## Features:

- Oil-resistant jacket
- Resists:  
Oils  
Acids  
Alkalies  
Ozone

## Industry Approvals:

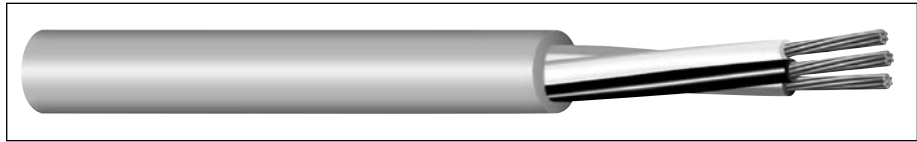
- UL Flexible Cord - UL Subject 62
- MSHA Approved (where applicable)
- RoHS Compliant

## Packaging:

- 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m)
- Other put-ups available on special order

## COLOR CODE CHART

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green



TYPE SJTO – 300 VOLT – UL											
CATALOG NUMBER		NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>†</sup>	APPROX. NET WEIGHT LBS/M <sup>(S)</sup>	STD. CTN.
GRAY	YELLOW				INCHES	mm	INCHES	mm			
86212	86162*	2	18	16/30	0.030	0.76	0.290	7.37	10	41	1000'
86213	86163	3	18	16/30	0.030	0.76	0.305	7.75	10	53	1000'
86214*	86164*	4	18	16/30	0.030	0.76	0.335	8.51	7	65	250'
86222	86172	2	16	26/30	0.030	0.76	0.315	8.00	13	57	1000'
86223	86173	3	16	26/30	0.030	0.76	0.330	8.38	13	67	250'
86224	86174	4	16	26/30	0.030	0.76	0.365	9.27	10	82	250'
86232*	86182	2	14	41/30	0.030	0.76	0.345	8.76	18	68	250'
86233	86183	3	14	41/30	0.030	0.76	0.365	9.27	18	92	250'
86234*	86184	4	14	41/30	0.030	0.76	0.415	10.54	15	114	250'
	86192*	2	12	65/30	0.030	0.76	0.410	10.41	25	91	250'
	86193	3	12	65/30	0.030	0.76	0.430	10.92	25	128	250'
	86194	4	12	65/30	0.030	0.76	0.475	12.07	20	163	250'
	86202*	2	10	104/30	0.045	1.14	0.550	13.97	30	160	250'
	86203	3	10	104/30	0.045	1.14	0.580	14.73	30	230	250'
	86204*	4	10	104/30	0.045	1.14	0.635	16.12	25	285	250'

TYPE STO – 600 VOLT – UL											
CATALOG NUMBER		NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>†</sup>	APPROX. NET WEIGHT LBS/M <sup>(S)</sup>	STD. CTN.
GRAY	YELLOW				INCHES	mm	INCHES	mm			
86712*	86662*	2	18	16/30	0.030	0.76	0.350	8.89	10	56	250'
86713*	86663	3	18	16/30	0.030	0.76	0.365	9.27	10	72	250'
86714*	86664*	4	18	16/30	0.030	0.76	0.395	10.03	7	85	250'
86722	86672*	2	16	26/30	0.030	0.76	0.375	9.58	13	76	250'
86723	86673	3	16	26/30	0.030	0.76	0.395	10.08	13	90	250'
86724	86674*	4	16	26/30	0.030	0.76	0.425	10.80	10	107	250'
86732*	86682*	2	14	41/30	0.045	1.14	0.505	12.83	18	120	250'
86733*	86683	3	14	41/30	0.045	1.14	0.535	13.59	18	156	250'
86734*	86684	4	14	41/30	0.045	1.14	0.575	14.61	15	184	250'
86742*	86692*	2	12	65/30	0.045	1.14	0.570	14.48	25	165	250'
86743*	86693	3	12	65/30	0.045	1.14	0.600	15.24	25	208	250'
86744*	86694	4	12	65/30	0.045	1.14	0.650	16.51	20	254	250'
86752*	86702*	2	10	104/30	0.045	1.14	0.620	15.75	30	195	250'
86753*	86703*	3	10	104/30	0.045	1.14	0.655	16.64	30	262	250'
86754*	86704	4	10	104/30	0.045	1.14	0.705	17.91	25	323	250'

Meets Coast Guard Rules & Regulations Section 183.435 Item No. 2 and CG-259 Spec. Section 111.60-5 – Also Meets Federal Std. Spec. J-C 580B.

\* Non-stock item; minimum quantity purchase required.

† Green conductor for grounding only. Ampacities based on NEC table 400.5(A).

<sup>(S)</sup> Actual shipping weight may vary.