

PHILATRON

PHILAFLEX™

FLEXIBLE

600 & 300 Volts Power Cord & Cable

Type STO-WA & SJTO-WA

UL/CSA Listed



Oil & Water Resistant - +105°C to -40°C

PHILATRON

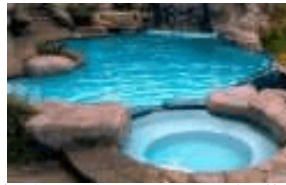
PHILAFLEX™ 600 Volt Power Flexible Multi-Conductor Cables
Type STO-WA UL & CSA



Construction



Oil Refineries



Swimming Pools & Spas



Convention Centers

- Application:** Hard duty service - outdoors or indoors for appliances and equipment, portable tools, and portable power boxes, and lighting.
- Features:** Premium extra flexible PHILAFLEX™ PVC - resistant to low temperatures, heat aging, abrasion, chemicals, oil, ozone, and water. Meets UL standards for water and oil submersion.
- Standards:** UL, CSA, and OSHA for outdoors or indoors use.
- Temperature:** Temperature rating is from -40 degrees C to +105 degrees C.
- Branding:** Size and number of conductors - Type STO-WA 105 degrees C. Private labeling available upon request.
- Jacket Color:** Yellow and Black. Custom colors available upon request.
- Cond. Colors:** 2/C - black & white; 3/C - black, white, & green; 4/C - black, white, red, & green; 5/C - black, white, red, green, and orange.

Catalog Number	AWG Size	Number of Conductors	Bare Cu Stranding	Conductor *Amps	Nom. O.D. (Inches)	Approx. Lbs. M/ft
STO182	18	2	41 x 34	10	.340	56
STO183	18	3	41 x 34	7	.357	70
STO184	18	4	41 x 34	7	.386	85
STO162	16	2	65 x 34	13	.364	67
STO163	16	3	65 x 34	10	.383	85
STO164	16	4	65 x 34	10	.415	104
STO142	14	2	41 x 30	18	.495	117
STO143	14	3	41 x 30	15	.520	147
STO144	14	4	41 x 30	15	.564	180
STO122	12	2	65 x 30	25	.563	158
STO123	12	3	65 x 30	20	.591	199
STO124	12	4	65 x 30	20	.640	244
STO102	10	2	104 x 30	30	.612	197
STO103	10	3	104 x 30	25	.644	253
STO104	10	4	104 x 30	25	.699	314
STO82	8	2	168 x 30	70	.814	323
STO83	8	3	168 x 30	57	.859	418
STO84	8	4	168 x 30	52	.966	549
STO85	8	5	168 x 30	49	1.056	657

*Ampacity ratings are based on copper conductor temperature at 90 degrees C and ambient temperature at 40 degrees C.

Industrial Cable Division--(800)483 1560 • Fax (562) 921 5770

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Catalog Number	AWG Size	Number of Conductors	Bare Cu Stranding	Conductor *Ampacity	Nom. O.D. (Inches)	Approx. Lbs. M/ft
STO62	6	2	266 x 30	92	.926	442
STO63	6	3	266 x 30	77	.976	579
STO64	6	4	266 x 30	70	1.094	755
STO65	6	5	266 x 30	63	1.197	907
STO42	4	2	420 x 30	125	1.065	615
STO43	4	3	420 x 30	102	1.124	813
STO44	4	4	420 x 30	91	1.256	1059
STO45	4	5	420 x 30	82	1.376	1276
STO22	2	2	665 x 30	165	1.204	832
STO23	2	3	665 x 30	136	1.247	1123
STO24	2	4	665 x 30	120	1.424	1468
STO25	2	5	665 x 30	108	1.565	1781

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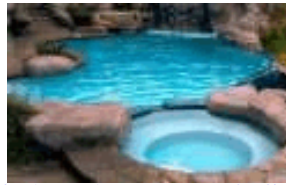
PHILAFLEX™ 300 Volt Power Flexible Multi-Conductor Cables Type SJTO-WA UL & CSA



Construction



Oil Refineries



Swimming Pools & Spas



Convention Centers

- Application:** Hard duty service - outdoors or indoors for appliances and equipment, portable tools, and portable power boxes, and lighting.
- Features:** Premium extra flexible PHILAFLEX™ PVC - resistant to low temperatures, heat aging, abrasion, chemicals, oil, ozone, and water. Meets UL standards for water and oil submersion.
- Standards:** UL, CSA, and OSHA for outdoors or indoors use.
- Temperature:** Temperature rating is from -40 degrees C to +105 degrees C.
- Branding:** Size and number of conductors - Type STO-WA 105 degrees C. Private labeling available upon request.
- Jacket Color:** Yellow and Black. Custom colors available upon request.
- Cond. Colors:** 2/C - black & white; 3/C - black, white, & green; 4/C - black, white, red, & green; 5/C - black, white, red, green, and orange.

Catalog Number	AWG Size	Number of Conductors	Bare Cu Stranding	Conductor *Ampacity	Nom. O.D. (Inches)	Approx. Lbs. M/ft
SJTO182	18	2	41 x 34	10	.284	39
SJTO183	18	3	41 x 34	7	.301	52
SJTO184	18	4	41 x 34	7	.330	66
SJTO162	16	2	65 x 34	13	.308	49
SJTO163	16	3	65 x 34	10	.327	65
SJTO164	16	4	65 x 34	10	.359	83
SJTO142	14	2	41 x 30	18	.339	62
SJTO143	14	3	41 x 30	15	.360	85
SJTO144	14	4	41 x 30	15	.395	109
SJTO122	12	2	65 x 30	25	.405	93
SJTO123	12	3	65 x 30	20	.429	126
SJTO124	12	4	65 x 30	20	.469	160
SJTO102	10	2	104 x 30	30	.542	157
SJTO103	10	3	104 x 30	25	.574	212
SJTO104	10	4	104 x 30	25	.629	269

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