



Engineering Specifications:

Standards:

UL Listed, Federal Specification JC-580B, MSHA approved, CSA approved STW or SJTW

Construction:

Conductors:

Seoprene® types SJEW, SJE00W and SE00W Flexible Cords are manufactured using bare copper, "Class K" flexible stranded conductors and heat-, moisture-, and oil-resistant T*Prene® insulation. The insulated conductors are cabled with non-wicking polypropylene fillers, with a tissue-paper separator wrapped around the assembly to promote easier removal of the jacket. A heat-, moisture-, and oil-resistant T*Prene® Jacket is extruded over the assembly to complete the construction.

Applications:

Seoprene® types SJEW, SJE00W and SE00W Flexible Cords are permitted for use in all applications as specified by Article 400 of the National Electrical Code. They may be used in federal and military applications as specified under Federal Spec. JC-580B. Some typical applications for Seoprene® types SJEW, SJE00W, and SE00W Flexible Cords include wiring for industrial machinery, various large appliances, heavy-duty tools, motors, and temporary electrical power and lighting installations for construction sites.

Features:

Seoprene® types SJEW, SJE00W and SE00W Flexible Cords feature a tough abrasion-resistant jacket that is ozone, chemical, and oil resistant. All are water resistant (may be completely immersed in water) with high dielectric strength insulation and offer temperature extremes from minus 50°C to 105°C. These cords are suitable for use in dry locations not to exceed 105°C (90°C for type SJEW) and must not exceed 60°C when exposed to oil or coolant. All components are recyclable and non-hazardous for environmental landfill disposal.

Size (AWG) and Number of Conductors	Number of Strands size (AWG)	Type	Temperature Rating °C	Allowable Ampacities* (amps)	Outside Diameter (inches)	Approx. Net Weight (lbs./1000 ft.)	Standard Packaging
18/3	16/30	SJEW	90	10	.310	53	250' reels
18/4	16/30	SJEW	90	7	.335	65	250' reels
16/3	26/30	SJEW	90	13	.335	67	250' reels
16/4	26/30	SJEW	90	10	.360	78	250' reels
14/3	41/30	SJEW	90	18	.370	83	250' reels
14/4	41/30	SJEW	90	15	.400	103	250' reels
12/3	65/30	SJEW	90	25	.430	124	250' reels
12/4	63/30	SJEW	90	20	.475	157	250' reels
10/3	105/30	SJEW	90	30	.580	220	250' reels
18/3	16/30	SJE00W	105	10	.310	55	250' reels
18/4	16/30	SJE00W	105	7	.335	66	250' reels
16/2	26/30	SJE00W	105	13	.315	54	250' reels
16/3	26/30	SJE00W	105	13	.330	67	250' reels
16/4	26/30	SJE00W	105	10	.360	78	250' reels
14/3	41/30	SJE00W	105	18	.370	84	250' 1000' reels
14/4	41/30	SJE00W	105	15	.400	104	250' reels
12/3	65/30	SJE00W	105	25	.435	123	250' 1000' reels
12/4	65/30	SJE00W	105	20	.475	157	250' 1000' reels
18/3	16/30	SE00W	105	10	.365	69	250' 1000' reels
18/4	16/30	SE00W	105	7	.395	81	250' 1000' reels
16/3	26/30	SE00W	105	13	.390	81	250' 1000' reels
16/4	26/30	SE00W	105	10	.420	99	250' 1000' reels
14/3	41/30	SE00W	105	18	.525	149	250' 1000' reels
14/4	41/30	SE00W	105	15	.575	183	250' 1000' reels
12/3	65/30	SE00W	105	25	.595	199	250' 1000' reels
12/4	65/30	SE00W	105	20	.645	242	250' 1000' reels
10/3	105/30	SE00W	105	30	.655	259	250' 1000' reels
10/4	105/30	SE00W	105	25	.705	316	250' 1000' reels
8/3	119/30	SE00W	105	40	.701	332	250' 500' reels
8/4	119/30	SE00W	105	35	.783	425	250' 500' reels
6/3	119/27	SE00W	105	55	.818	473	250' 500' reels
6/4	119/27	SE00W	105	45	.892	544	250' 500' reels
4/3	119/.0177	SE00W	105	70	.982	628	250' 500' reels
4/4	119/.0177	SE00W	105	60	1.104	886	250' 500' reels

*Allowable ampacity shown above is per the National Electrical Code. The above data is approximate and subject to normal manufacturing tolerances.

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