

# TYPES SJ & SV

Synthetic Rubber Insulation with Thermoset Jacket  
 Type SJ (300V) • Type SV (300V)



OSHA Acceptable

## FEATURES

- UL listed (file no. E7362)
- CSA certified (file no. LL8825)
- OSHA acceptable
- Flexible at low temperatures

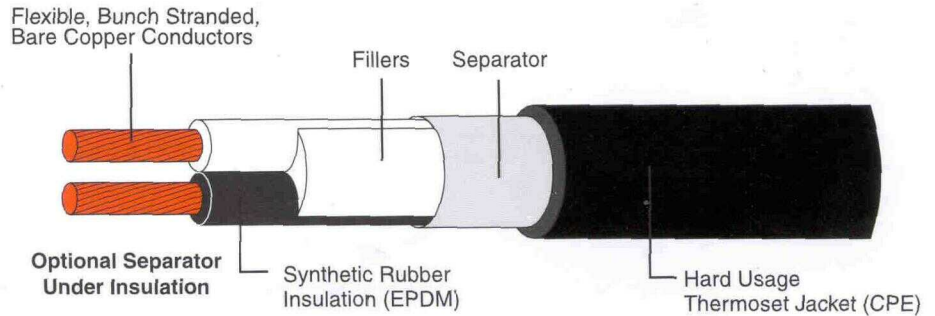
## APPLICATIONS

### Type SJ

Designed for **hard usage** with portable tools, equipment and motors.

### Type SV

Designed for use with vacuum cleaners and other light-duty equipment.



## CONSTRUCTION

### Conductors

Bare, annealed copper per ASTM B-3  
 Flexible, bunch-stranded per UL-62

### Insulation

Color coded synthetic rubber (EPDM) UL-62

### Cabling

Conductors are assembled round with fillers as needed. A separator is applied over the assembly.

### Jacket

Thermoset jacket (Black) UL-62

### Color Coding

**2/C:** Black, White

**3/C:** Black, White, Green\*

**4/C:** Black, White, Red, Green\*

\*Green conductor is used for grounding purposes only.

### Cable Identification

Surface print on jacket:

Example: "12AWG 4/C SJ 300V (UL)—A.I.W. Corp.—CSA FT1"

### Temperature Range

60°C (140°F) to -40°C (-40°F)

PART NUMBER	CONDUCTOR NO.	AWG	STRAND	NOMINALS (INCHES) INSUL.	JACKET	O.D.	AMPS <sup>1</sup>	STANDARD LGTHS** PUT-UP	SHIP WT. LBS./M FT.
<b>UL &amp; CSA TYPE SJ • 300V • 60°C</b>									
15792	2	18	16x30	.030	.030	.280	10	1x250' spool/ctn.	46
15797	3	18	16x30	.030	.030	.300	10	1x250' spool/ctn.	58
15801	4	18	16x30	.030	.030	.325	7	1x250' spool/ctn.	76
15802	2	16	26x30	.030	.030	.305	13	1x250' spool/ctn.	56
15804	3	16	26x30	.030	.030	.325	13	1x250' spool/ctn.	78
15807	4	16	26x30	.030	.030	.350	10	1x250' spool/ctn.	96
15808	2	14	41x30	.030	.030	.335	18	1x250' spool/ctn.	76
15809	3	14	41x30	.030	.030	.360	18	1x250' spool/ctn.	99
15810	4	14	41x30	.030	.030	.390	15	1x250' spool/ctn.	121
15811	2	12	65x30	.030	.045	.405	25	1x250' spool/ctn.	113
15812	3	12	65x30	.030	.045	.425	25	1x250' spool/ctn.	142
15813	4	12	65x30	.030	.045	.465	20	1x250' spool/ctn.	179
15814	2	10	104x30	.045	.060	.540	30	1x250' coil/ctn.	185
15815	3	10	104x30	.045	.060	.565	30	1x250' coil/ctn.	239
15816	4	10	104x30	.045	.060	.625	25	1x250' coil/ctn.	305
<b>UL TYPE SV • 300V • 60°C</b>									
16423	2	18	41x34	.015	.030	.225	10	Consult Factory	36
16427	3	18	41x34	.015	.030	.237	10	Consult Factory	48

<sup>1</sup>Ampacities (Amps per conductor) are based on 30°C ambient temperature in air per the 1996 NEC, Table 400-5(A). Ampacities for 3/C and 4/C cords assume 1 conductor is used as a ground or neutral and does not carry current.

\*\*Long length reels available upon request. Consult local sales office.