

**UL and CSA Type SJ • 60°C • 300 Volts**



**DESCRIPTION:** Stranded bare copper, EPR insulation, suitable fillers, separator, thermoset jacket.

**RATINGS:** UL and CSA listed Type SJ, 300 volts, 60°C, hard usage.

**COLOR CODE:** 2/C: Black, White  
3/C: Black, White, Green  
4/C: Black, White, Red, Green

PART NUMBER	SIZE/ NO OF CONDS.	BARE COPPER STRANDING	APPROXIMATE DIMENSIONS			STOCK COLOR	APPROX. WT. LBS./M FT.	STANDARD PUT-UP
			INSUL.	JKT.	O.D.			
15792	18/2	16/.010	.030	.030	.280	Black	46	250S/1000R
15797	18/3	16/.010	.030	.030	.300	Black	58	250S/1000R
15801	18/4	16/.010	.030	.030	.325	Black	76	250S
15802	16/2	26/.010	.030	.030	.305	Black	56	250S
15804	16/3	26/.010	.030	.030	.325	Black	78	250S/1000R
15807	16/4	26/.010	.030	.030	.350	Black	96	250S/1000R
15808	14/2	41/.010	.030	.030	.335	Black	76	250S
15809	14/3	41/.010	.030	.030	.360	Black	99	250S/1000R
15810	14/4	41/.010	.030	.030	.390	Black	121	250S/1000R
15811	12/2	65/.010	.030	.045	.405	Black	113	250S
15812	12/3	65/.010	.030	.045	.425	Black	142	250S/1000R
15813	12/4	65/.010	.030	.045	.465	Black	179	250S/1000R
15814	10/2	104/.010	.045	.060	.540	Black	185	250C/1000R
15815	10/3	104/.010	.045	.060	.565	Black	239	250C/500R/1000R
15816	10/4	104/.010	.045	.060	.625	Black	305	250C/1000R

**UL/CSA Type STOW • 60°C • Oil and Water Resis. for Marine Applications**



**DESCRIPTION:** Stranded bare copper, PVC insulation, suitable fillers, separator, PVC jacket.

**NOTES:** The STOW products having a green grounding conductor can be used for special applications as outlined in NFPA 70 (NEC) paragraph 501-4(b) Class 1 Div. 2 locations and paragraph 501-11 Class 1 Div. 1 and 2. Also suitable for the Canadian CEC Part 1 C22.1 latest edition paragraph 18-176 including sub paragraphs (a), (b) and (c) Class 1 Zone 2.

**COLOR CODE:** 3/C: Black, White, Green  
4/C: Black, White, Red, Green

**RATINGS:** UL listed Type STOW and CSA certified STOW, 600 volts, 60°C, oil and water resistant, extra hard usage.

PART NUMBER	SIZE/ NO OF CONDS.	STRANDING	APPROXIMATE DIMENSIONS			STOCK COLOR	APPROX. WT. LBS./M FT.	STANDARD PUT-UP
			INSUL.	JKT.	O.D.			
33157	8/3	65/.0159	.060	.110	.840	Yellow	465	1000R
33158	8/4	65/.0159	.060	.125	.930	Yellow	580	1000R
33159	6/3	133/.0142	.060	.125	.990	Yellow	665	1000R
33160	6/4	133/.0142	.060	.140	1.100	Yellow	830	1000R

AMERICAN INSULATED WIRE CORPORATION

# 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

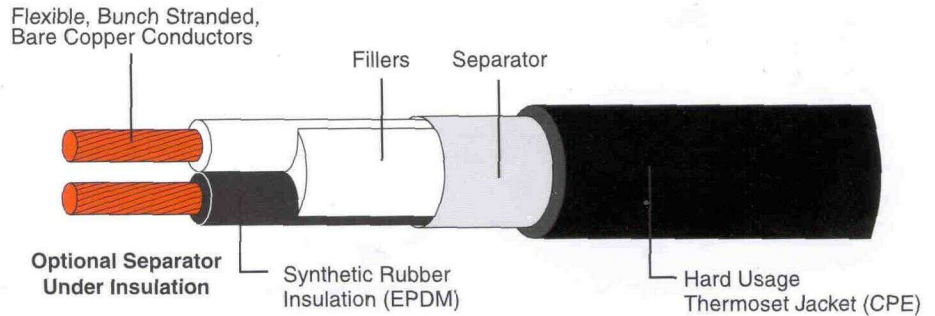
## APPLICATIONS

### 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.