TYPE SOOW & SJ/SJOOW (BLACK JACKET)

Synthetic Rubber Insulation with Oil-Resistant Thermoset Jacket • SOOW 90°C (600V) • SJ/SJOOW 90°C (300V) • RoHS

FEATURES
• UL listed (file no. E7362) as SOOW & SJ/SJOOW
• CSA certified (file no. LL8825) as SOOW & SJ/SJOOW
• OSHA acceptable
• MSHA listed
• Sunlight, water, and weather resistant per UL & CSA
• Resistant to oil, acid, impact, abrasion, water, flame and high temperature
• Passes MSHA flame test (P-136-MSHA)
• Maintains flexibility
• ICEA where applicable

SOOW can also be used for special applications as outlined in NFPA 70 (N.E.C.) paragraph 501.10(B)(2) Div. 1 Div. 2.

APPLICATIONS
Type SOOW 90°C
Designed for extra hard usage with industrial equipment, heavy tools, battery chargers, portable lights and power extensions. SOOW is sunlight, water, oil and weather resistant and suitable for outdoor applications.

Type SJ/OOW 90°C
Designed for hard usage with portable tools, small motors and power extensions. Type SJ/OOW is sunlight, water, oil and weather resistant and suitable for outdoor applications.

CONSTRUCTION
Conductors
Bare, annealed copper per ASTM B-3 Flexible, bunch-stranded per UL-62 sizes 18 - 8 AWG
Rope Lay sizes 6 - 2 AWG

Separator (when used)
A paper tape is applied between the conductor and insulation to facilitate stripping.

Insulation
Color coded synthetic rubber oil and water resistant per UL-62

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

Jacket
Oil resistant Thermoset (black CPE) per UL-62

Color Coding
2/C: Black, White
3/C: Black, White, Green*
4/C: Black, White, Red, Green*
5/C: Black, White, Red, Green*, Orange
*Green conductor is used for grounding purposes only

Cable Identification
Surface print on jacket (listed types):
Example: "P-136-29-MSHA 14AWG 3/C -40°C SOOW 90°C 600V water resistant (UL)—A.I.W. Corp.—CSA -40°C FT1—RoHS"

Temperature Range
Type SOOW and SJ/OOW: 90°C to -40°C
Meets or exceeds all UL requirements for S, SOO, SJ, SJO and SJ/OO.