300V SEOPRENE® SJEOOW Cord with Black Jacket 105°C. Silicone Free

300 Volt -50°C to 105°C Flexible Cord. Premium Oil Resistance, Sunlight, Chemical, Water Resistance and Flame Retardant

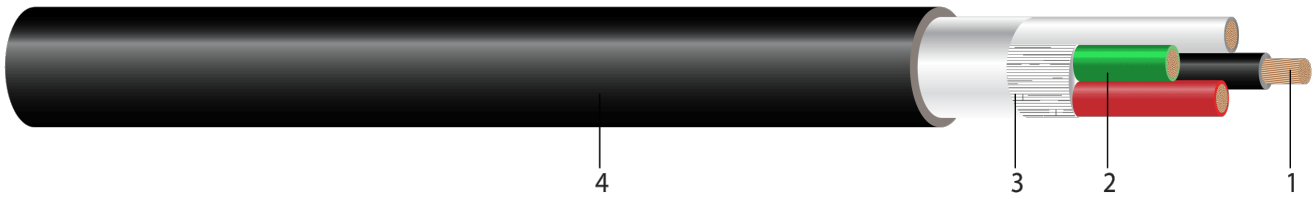


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant TPE
3. **Filler:** Non-wicking polypropylene fillers, with a tissue-paper separator wrapped around the assembly
4. **Jacket:** Black TPE (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SJEOOW Flexible Cords are permitted for indoor and outdoor temporary power uses, portable industrial machinery, compressors, conveyors, and automated production equipment. Cords are suitable for use in temperatures between -50°C to maximum 105°C.

SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- Passes CSA FT2 Flame Test
- RoHS-3 Complies with European Directive 2015/863
- NEC Article 400 Flexible Cords, Cables and Fixture Wire

SAMPLE PRINT LEGEND:

SOUTHWIRE{R} SEOPRENE{R} CORD X/C XX AWG (X.XXmm2) SJEOOW E46194 MASTER-DESIGN (UL) 300V -50{D}C TO 105{D}C -- CSA LL90458 SJEOOW 300V -50{D}C TO 105{D}C FT2 WATER RESISTANT P-07-KA190004-MSHA

PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.

Copyright © 2026 Southwire Company, LLC. All Rights Reserved

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
550627	12	2	65	30	50	0.416	95	25	1.652	BK,WE	BK

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.
^ Color Sequence: Black, Red
! White PVC jacket
** Not a Federal and Military Specification JC-580B
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
550627	12	2	65	0.76	1.27	10.57	141	25	5.42	BK,WE	BK

* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.
^ Color Sequence: Black, Red
! White PVC jacket
** Not a Federal and Military Specification JC-580B

Copyright © 2026 Southwire Company, LLC. All Rights Reserved