

SOOW

90°C Rubber Cord. 600 Volts. Flexible Tinned Copper Conductors. Steel Strength Member. EPDM Insulation and Neoprene Jacket. Rated for Extra Hard-Usage Service Cords as specified by the NEC.



Image not to scale. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Class M, Flexible stranded copper per ASTM B3, B33 and B174.

Insulation: EPDM.

Color Code: Strength Member; Black. Conductors; Purple, White, Orange, Red, Brown, Blue, Yellow.

Assembly: The insulated conductors and insulated 7-strand steel strength member are cabled together with fillers.

Jacket: Black, Neoprene.

APPLICATIONS AND FEATURES:

Southwire Type SOOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2014 National Electric Code. Some typical applications for Type SOOW Cord include, but are not limited to: Wiring for industrial machinery such as washing machines and other large appliances, heavy-duty portable tools, motors and temporary electrical power.

SPECIFICATIONS:

- ASTM B3, B33, B174
- UL 62 - Type SOOW
- CSA C22.2 No. 49 - Type SOOW

SAMPLE PRINT LEGEND:

E46194 (UL) 7/C 16 AWG (1.31mm²) SOOW PLUS METAL SUPPORT MEMBER 600 VOLT -40C TO 90C - CSA LL90458 FT-2 ROHS MADE IN USA {JULIAN DATE} {SEQUENTIAL FOOTAGE MARKS} SEQ FEET

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG)	Conductor Metal	No. of Cond.	No. of Strands	Insulation Thickness (mils)	Jacket Thickness (mils)	Nominal OD (mils)	Nominal Weight (Lbs./Mft)
570328	16	STC	7	65	31	98	620	228

All dimensions are nominal and subject to normal manufacturing tolerances

