

# SJTOOW

105°C PVC Cord. 300 Volts. Flexible Copper Conductors. PVC Insulation and Jacket. Rated for Hard-Usage Service Cords. Approved for Outdoor use. Rated UL VW-1 and CSA FT1, FT2 Flame Resistant.



Image not to scale and for reference only. See Table 1 for Dimensions

## CONSTRUCTION:

- Conductors:** Class K, Flexible stranded bare copper per ASTM B3 and B174  
**Insulation:** Polyvinyl Chloride (PVC)  
**Assembly:** The insulated conductors are cabled together without fillers. A paper separator is helically applied over the cabled assembly to facilitate overall jacket removal.  
**Jacket:** Black, PVC

## APPLICATIONS AND FEATURES:

Southwire Type SJTOOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2011 National Electric Code. Some typical applications for Type SJTOOW include, but are not limited to: small power tools, motors and temporary electrical power and lighting installations for construction sites.

## SPECIFICATIONS:

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

## SAMPLE PRINT LEGEND:

(UL) VW-1 E46194 SJTOOW 3/C 12 AWG (3.31mm<sup>2</sup>) 105°C DRY 60°C WATER RESISTANT 300V (CSA) FT1, FT2 LL90458

TABLE 1 - WEIGHTS & MEASUREMENTS

| Stock Code | Cond. Size (AWG) | No. of Cond. | No. of Strands | Insulation Thickness (mils) | Jacket Thickness (mils) | Nominal OD (mils) | Nominal Weight (Lbs/Mft) | Cdr Color Code |
|------------|------------------|--------------|----------------|-----------------------------|-------------------------|-------------------|--------------------------|----------------|
| TBD        | 18               | 3            | 16             | 30                          | 30                      | 305               | 54                       | BWG            |
| 558364xx   | 16               | 3            | 26             | 30                          | 30                      | 325               | 65                       | BWG            |
| 558518xx   | 14               | 3            | 41             | 30                          | 30                      | 375               | 93                       | BWG            |
| 561064xx   | 14               | 3            | 41             | 30                          | 30                      | 353               | 86                       | BWG-Y          |
| 580806xx   | 12               | 3            | 65             | 30                          | 30                      | 435               | 133                      | BWG-Y          |

All dimensions are nominal and subject to normal manufacturing tolerances



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