

# SJTOW

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



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

## CONSTRUCTION:

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

## APPLICATIONS AND FEATURES:

Southwire Type SJTOW 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 SJTOW 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

## SPECIFICATIONS:

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

## SAMPLE PRINT LEGEND: (Indent)

(UL) VW-1 E46194 SJTOW 3/C 14 AWG (2.08mm<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) | Color Code          |
|------------|------------------|--------------|----------------|-----------------------------|-------------------------|-------------------|--------------------------|---------------------|
| TBD        | 16               | 4            | 26             | 30                          | 30                      | 385               | 93                       | BLK/WHT/RED/GRN     |
| 564599xx   | 14               | 3            | 41             | 30                          | 30                      | 365               | 93                       | BLK/WHT/GRN         |
| 599102xx   | 14               | 3            | 41             | 30                          | 30                      | 365               | 93                       | BLK/WHT/GRN-YLW     |
| 559698xx   | 14               | 3            | 41             | 30                          | 30                      | 365               | 93                       | BLK/WHT/RED         |
| 564734xx   | 14               | 4            | 41             | 30                          | 30                      | 405               | 115                      | BLK/WHT/RED/GRN     |
| 599103xx   | 14               | 4            | 41             | 30                          | 30                      | 405               | 115                      | BLK/WHT/RED/GRN-YLW |
| 564717xx   | 14               | 5            | 41             | 30                          | 30                      | 473               | 151                      | BLK/WHT/RED/GRN/ORG |

All dimensions are nominal and subject to normal manufacturing tolerances



Southwire Company, LLC | One Southwire Drive, Carrollton, GA 30119 | www.southwire.com

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