

APPLICATIONS

Southwire Type SJTOW FLeXible Cords are designed for hard usage with portable tools, equipment and motors.

SPECIFICATIONS

- UL Listed
- CSA certified
- OSHA acceptable
- Water, oil and sunlight resistant

CONSTRUCTION

Southwire Type SJTOW Flexible Cords are made with bare annealed copper per ASTM B-3 Flexible, bunch-stranded per UL 62. The insulation is a color coded polyvinyl chloride (PVC) per UL 62. The conductors are assembled round with fillers as needed and a separator applied over the assembly. The outer jacket is also PVC.

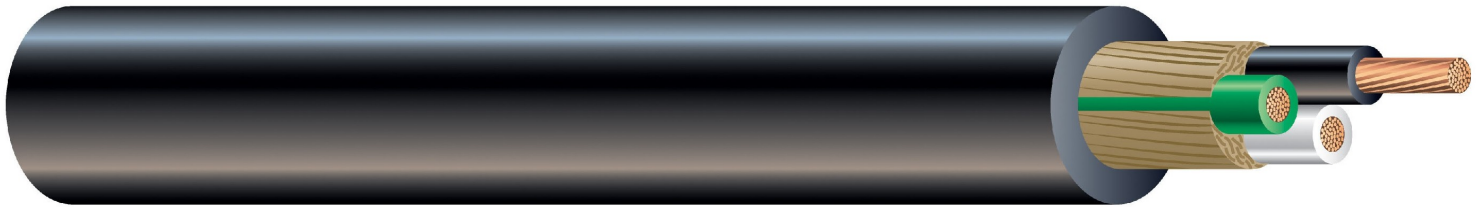
Type SJTOW - Plastic (PVC)

| Conductor Size (AWG) | Conductor Stranding (#/AWG) | Nominal Insulation Thickness (mils) | Nominal Overall Diameter (mils) | Weight (lbs/1000ft) | Ampacity |
|----------------------|-----------------------------|-------------------------------------|---------------------------------|---------------------|----------|
| 18/2 | 16 X 30 | 30 | 288 | 40 | 10 |
| 18/3 | 16 X 30 | 30 | 303 | 51 | 10 |
| 18/3 | 16 X 30 | 30 | 333 | 62 | 7 |
| 16/2 | 26 X 30 | 30 | 312 | 51 | 13 |
| 16/3 | 26 X 30 | 30 | 330 | 65 | 13 |
| 16/4 | 26 X 30 | 30 | 363 | 81 | 10 |
| 14/2 | 41 X 30 | 30 | 345 | 84 | 18 |
| 14/3 | 41 X 30 | 30 | 365 | 116 | 18 |
| 14/4 | 41 X 30 | 30 | 401 | 148 | 15 |
| 12/2 | 65 X 30 | 45 | 417 | 101 | 25 |
| 12/3 | 65 X 30 | 45 | 441 | 130 | 25 |
| 12/4 | 65 X 30 | 45 | 483 | 167 | 20 |
| 10/2 | 104 X 30 | 60 | 553 | 158 | 30 |
| 10/3 | 104 X 30 | 60 | 603 | 224 | 30 |
| 10/4 | 104 X 30 | 60 | 660 | 281 | 25 |

Ampacity values are based on NEC Table 400-5(A) for sizes 18 AWG through 10 AWG.



Copyright 2010, Southwire Company.
All Rights Reserved.
®Southwire is a registered trademark
of Southwire Company.



APPLICATIONS

Southwire Type SJTOW FLeXible Cords are designed for hard usage with portable tools, equipment and motors.

SPECIFICATIONS

- UL Listed
- CSA certified
- OSHA acceptable
- Water, oil and sunlight resistant

CONSTRUCTION

Southwire Type SJTOW Flexible Cords are made with bare annealed copper per ASTM B-3 Flexible, bunch-stranded per UL 62. The insulation is a color coded polyvinyl chloride (PVC) per UL 62. The conductors are assembled round with fillers as needed and a separator applied over the assembly. The outer jacket is also PVC.

Type SJTOW - Plastic (PVC)

| Conductor Size (AWG) | Conductor Stranding (#/AWG) | Nominal Insulation Thickness (mils) | Nominal Overall Diameter (mils) | Weight (lbs/1000ft) | Ampacity |
|----------------------|-----------------------------|-------------------------------------|---------------------------------|---------------------|----------|
| 18/2 | 16 X 30 | 30 | 288 | 40 | 10 |
| 18/3 | 16 X 30 | 30 | 303 | 51 | 10 |
| 18/3 | 16 X 30 | 30 | 333 | 62 | 7 |
| 16/2 | 26 X 30 | 30 | 312 | 51 | 13 |
| 16/3 | 26 X 30 | 30 | 330 | 65 | 13 |
| 16/4 | 26 X 30 | 30 | 363 | 81 | 10 |
| 14/2 | 41 X 30 | 30 | 345 | 84 | 18 |
| 14/3 | 41 X 30 | 30 | 365 | 116 | 18 |
| 14/4 | 41 X 30 | 30 | 401 | 148 | 15 |
| 12/2 | 65 X 30 | 45 | 417 | 101 | 25 |
| 12/3 | 65 X 30 | 45 | 441 | 130 | 25 |
| 12/4 | 65 X 30 | 45 | 483 | 167 | 20 |
| 10/2 | 104 X 30 | 60 | 553 | 158 | 30 |
| 10/3 | 104 X 30 | 60 | 603 | 224 | 30 |
| 10/4 | 104 X 30 | 60 | 660 | 281 | 25 |

Ampacity values are based on NEC Table 400-5(A) for sizes 18 AWG through 10 AWG.



Copyright 2010, Southwire Company.
All Rights Reserved.
®Southwire is a registered trademark
of Southwire Company.