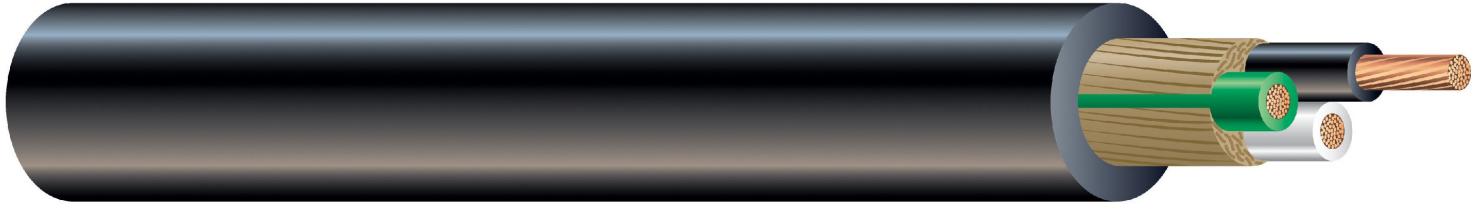


# AMERICAN MUSTANG® SOOW

American Mustang® 105°C CPE Cord. 600 Volts.  
Superior Tensile Strength, Elongation and Aging Characteristics.  
Black Jacket. Rated -40°C to 105°C.  
Provides Premium Oil Resistance, Water Resistant and High Flexibility .  
Excellent Abrasion Resistance.



## APPLICATIONS

Southwire's American Mustang® Type SOOW Flexible Cords are permitted for use by Article 400 and related articles of the National Electrical Code. SOOW cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights and power extensions. They are sunlight, water, oil and weather resistant and suitable for outdoor applications.

## SPECIFICATIONS

- UL 62
- CSA Standard 22.2 No 49
- MSHA Listed. Passes MSHA flame test - P07-KA070018-1MSHA
- Federal Specification J-C-580B
- NEC Article 400
- OSHA Acceptable
- RoHS Complaint
- FT2 Flame Test




## CONSTRUCTION

Southwire Type SOOW Flexible Cords are manufactured using bare flexible stranded Class M or Class K copper conductors, and heat, moisture and oil resistant EPDM rubber insulation. The insulated conductors are cabled with waxed paper or rubber fillers, with a full cotton serve or paper separator wrapped around the assembly for improved tensile strength. A heat, moisture and oil resistant flexible CPE jacket is extruded over the assembly to complete the construction. Sizes 18 through 10 AWG fully annealed stranded bare copper per ASTM B-174. Some sizes may be subject to minimum order quantity.

# American Mustang Type SOOW (black)

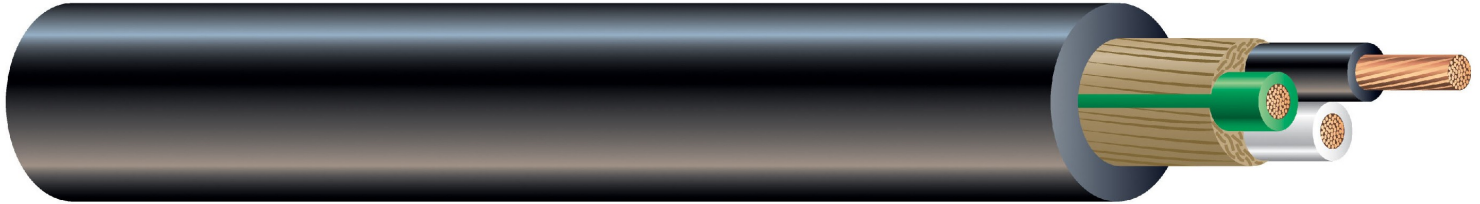
| Conductor Size (AWG) | Conductor Stranding (#/AWG) | Nominal Insulation Thickness (in) | Nominal Overall Diameter (in) | Weight (lbs/1000ft) | Ampacity |
|----------------------|-----------------------------|-----------------------------------|-------------------------------|---------------------|----------|
| 18/2                 | 41 X 34                     | 0.030                             | 0.345                         | 66                  | 10       |
| 18/3                 | 41 X 34                     | 0.030                             | 0.365                         | 80                  | 10       |
| 18/4                 | 41 X 34                     | 0.030                             | 0.390                         | 95                  | 7        |
| 16/2                 | 65 X 34                     | 0.030                             | 0.370                         | 79                  | 13       |
| 16/3                 | 65 X 34                     | 0.030                             | 0.395                         | 94                  | 13       |
| 16/4                 | 65 X 34                     | 0.030                             | 0.425                         | 112                 | 10       |
| 14/2                 | 41 X 30                     | 0.045                             | 0.505                         | 142                 | 18       |
| 14/3                 | 41 X 30                     | 0.045                             | 0.530                         | 196                 | 18       |
| 14/4                 | 41 X 30                     | 0.045                             | 0.570                         | 241                 | 15       |
| 12/2                 | 65 X 30                     | 0.045                             | 0.580                         | 186                 | 25       |
| 12/3                 | 65 X 30                     | 0.045                             | 0.610                         | 224                 | 25       |
| 12/4                 | 65 X 30                     | 0.045                             | 0.660                         | 271                 | 20       |
| 10/2                 | 104 X 30                    | 0.045                             | 0.630                         | 231                 | 30       |
| 10/3                 | 104 X 30                    | 0.045                             | 0.665                         | 289                 | 30       |
| 10/4                 | 104 X 30                    | 0.045                             | 0.720                         | 351                 | 25       |

Ampacity values are based on NEC Table 400.5(A) for sizes 16 AWG through 10 AWG.

| # OF CONDUCTORS | COLOR SEQUENCE   |
|-----------------|--|
| 2               | BLACK, WHITE               |
| 3               | BLACK, WHITE, GREEN       |
| 4               | BLACK, WHITE, RED, GREEN  |

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# American Mustang Type SOOW (black)

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| 14/2                 | 41 X 30                     | 0.045                             | 0.505                         | 142                 | 18       |
| 14/3                 | 41 X 30                     | 0.045                             | 0.530                         | 196                 | 18       |
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