

AMERICAN MUSTANG® SOOW CORD

600V, 105°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Heat, Moisture and Oil Resistant Flexible CPE Jacket, UL/CSA Listed.

APPLICATIONS

Southwire Type SOOW Flexible Cords UL/ CSA listed are permitted for use as specified by Article 400 and related articles of the 2014 National Electrical Code. The cable is rated -40°C to 105°C, water, oil, and weather resistant. Southwire Type SOOW Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, welding leads, marine dockside power, power extensions and mining applications.

SPECIFICATIONS

- UL 62
- CSA Standard 22.2 No. 49
- NEC 400
- NEC 501.140 Class I Division 2
- Passes CSA FT2 Flame Test
- MSHA
- Federal and Military Specification JC-580B
- RoHS-2 (European Directive 2011/65/EU)

CONSTRUCTION

1. Conductors: Class K stranded bare copper per ASTM B-174
2. Insulation: EPDM
3. Jacket: Yellow CPE (Other colors available upon request)

SAMPLE PRINT LEGEND

SOUTHWIRE® American Mustang® CORD X/C XX AWG (XXmm²) SOOW E46194 (UL) 600V -40C TO 105C -- CSA LL90458 SOOW 600V -40C TO 105C FT2 WATER RESISTANT

SAMPLE INDENT LEGEND

P-07-KA070018-1-MSHA

PACKAGING

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



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AMERICAN MUSTANG® SOOW CORD 600V, 105°C
Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber
Insulation and Heat, Moisture and Oil Resistant Flexible CPE



TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size AWG	No. of Cond.	No. of Strands	Insulation Thickness (Inchs)	Insulation Thickness (mm)	Nominal OD (Inchs)	Nominal OD (mm)	Nominal Weight (Lbs/Mft)	Nominal Weight (kg/km)
TBD	18	2	16/30	0.03	0.76	0.35	8.79	65	97
TBD	18	3	16/30	0.03	0.76	0.37	9.27	84	125
TBD	18	4	16/30	0.03	0.76	0.39	9.91	98	146
570214	16	2	26/30	0.03	0.76	0.37	9.40	81	121
630730	16	3	26/30	0.03	0.76	0.39	9.91	94	140
630727	16	4	26/30	0.03	0.76	0.42	10.54	118	176
598334	14	2	41/30	0.05	1.14	0.50	12.70	134	199
630721	14	3	41/30	0.05	1.14	0.53	13.34	169	251
596981	14	4	41/30	0.05	1.14	0.57	14.48	201	299
TBD	12	2	65/30	0.05	1.14	0.57	14.48	184	274
595327	12	3	65/30	0.05	1.14	0.60	15.11	224	333
630722	12	4	65/30	0.05	1.14	0.65	16.38	276	411
598724	10	2	104/30	0.05	1.14	0.62	15.62	225	335
630724	10	3	104/30	0.05	1.14	0.66	16.76	299	445
630725	10	4	104/30	0.05	1.14	0.71	18.03	360	536

TABLE 2 - ELECTRICAL AND ENGINEERING DATA

Stock Code	† Amps	Nom. DCR Ω/1M'	Color Code
--	10	6.59	Black, White
--	10	6.59	Black, White, Green
--	7	6.59	Black, White, Red, Green
570214	13	4.05	Black, White
630730	13	4.05	Black, White, Green
630727	10	4.05	Black, White, Red, Green
598334	18	2.55	Black, White
630721	18	2.55	Black, White, Green
596981	15	2.55	Black, White, Red, Green
--	25	1.61	Black, White
595327	25	1.61	Black, White, Green
630722	20	1.61	Black, White, Red, Green
598724	30	0.98	Black, White
630724	30	0.98	Black, White, Green
630725	25	0.98	Black, White, Red, Green

All dimensions are nominal and subject to nominal manufacturing tolerances

† Ampacities are based on TABLE 400.5(A) of the 2014 National Electrical Code and CEC Table 12.

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