



600V AMERICAN MUSTANG SAFEGUARD® Type SOOW Cord with Yellow Jacket 105°C. MSHA Approved

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.



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant EPDM
3. **Filler:** Waxed paper
4. **Separator:** Paper separator wrapped around the assembly
5. **Jacket:** Yellow CPE (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire AMERICAN MUSTANG SAFEGUARD® Type SOOW Flexible Cords are UL/ CSA listed and permitted for use as specified by Article 400 and related articles of the 2023 National Electrical Code®. The cable is rated -40°C to 105°C, water, oil, and weather resistant. SAFEGUARD® Type SOOW Flexible Cords are designed for extra hard usage on industrial equipment and heavy tools in the food and beverage industry in Zone 2 Splash zone. Microbial additive helps to resist 99.9% of bacteria specifically S. Aureus and E. Coli.

SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- Exceeds Ecolab PM-40-1 Material Resistance Test With 30-day Exposure, UL Verified V747862
- MSHA Approved
- RoHS-3 Complies with European Directive 2015/863

SAMPLE PRINT LEGEND:

{SQFTG} SOUTHWIRE® American Mustang SAFEGUARD® CORD X/C XX AWG (XX{mm²}) SOOW E46194 {UL} 600V -40°C TO 105°C -- {CSA} LL90458 SOOW 600V -40°C TO 105°C FT2 WATER RESISTANT --- P-07-KA190005-MSHA





Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp		
138655	18	3	16	30	70	0.370	74	7	BK,WE,GN	YW
138656	16	2	65	30	70	0.370	71	13	BK,WE	YW
138657	16	3	65	30	65	0.397	86	10	BK,WE,GN	YW
138658	16	4	65	30	75	0.427	106	8	BK,WE,RD,GN	YW
138659	14	2	41	45	80	0.534	138	18	BK,WE	YW
138660	14	3	41	45	80	0.534	156	15	BK,WE,GN	YW
138661	14	4	41	45	90	0.569	187	12	BK,WE,RD,GN	YW
138662	12	3	65	45	115	0.606	209	20	BK,WE,GN	YW
138663	12	4	65	45	95	0.660	261	16	BK,WE,RD,GN	YW
138664	10	3	104	45	105	0.665	278	25	BK,WE,GN	YW
138666	10	4	104	45	95	0.720	334	20	BK,WE,RD,GN	YW

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

* Ampacities are based on TABLE 400.5(A) of the 2023 National Electrical Code and CEC Table 12.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp		
138655	18	3	16	0.76	1.78	9.40	110	7	BK,WE,GN	YW
138656	16	2	65	0.76	1.78	9.40	106	13	BK,WE	YW
138657	16	3	65	0.76	1.65	10.08	128	10	BK,WE,GN	YW
138658	16	4	65	0.76	1.91	10.85	158	8	BK,WE,RD,GN	YW
138659	14	2	41	1.14	2.03	13.56	205	18	BK,WE	YW
138660	14	3	41	1.14	2.03	13.56	232	15	BK,WE,GN	YW
138661	14	4	41	1.14	2.29	14.45	278	12	BK,WE,RD,GN	YW
138662	12	3	65	1.14	2.92	15.39	311	20	BK,WE,GN	YW
138663	12	4	65	1.14	2.41	16.76	388	16	BK,WE,RD,GN	YW
138664	10	3	104	1.14	2.67	16.89	414	25	BK,WE,GN	YW
138666	10	4	104	1.14	2.41	18.29	497	20	BK,WE,RD,GN	YW

* Ampacities are based on TABLE 400.5(A) of the 2023 National Electrical Code and CEC Table 12. * Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.

Color Code

# of Conductor	Color Sequence
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green

