

600V ST00W Cord with Jacket 105°C. Silicone Free

600 Volt, 105°C Flexible Cord. Heat, Moisture, and Oil Resistant PVC Insulation and Heat, Moisture, Oil and Sunlight Resistant, and Flexible PVC Jacket. Approved for Outdoor use. Rated UL VW-1 and CSA FT1, FT2 Flame Resistant.

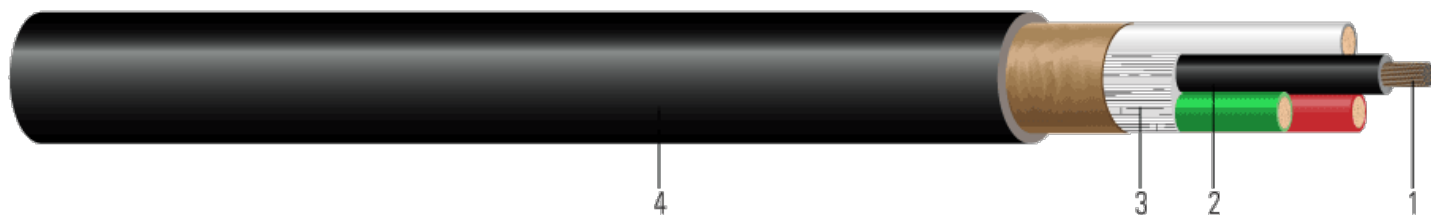


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Class K, Flexible stranded bare copper per ASTM B3 and B174
- Insulation:** Heat, moisture, oil resistant colored PVC (other color options available)
- Fillers:** Polypropylene fillers as necessary to make round
- Jacket:** Black, Sunlight, Heat, and Moisture Resistant PVC (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type ST00W Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2020 National Electric Code. Some typical applications for Type ST00W include, but are not limited to: Washing Machines and other large appliances, heavy-duty tools, motors and temporary electrical power and lighting installations for construction sites.

SPECIFICATIONS:

- ASTM B3 Standard Specification for Soft or Annealed Copper Wire
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- Federal Specification J-C-580B

SAMPLE PRINT LEGEND:

SOUTHWIRE® {UL} VW-1 E46194 ST00W X/C XX AWG (X.XX{mm²}) 105{D}C DRY 60{D}C WATER RESISTANT 600V {CSA} FT1,FT2 LL90458

PACKAGING:

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



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

Copyright © 2022 Southwire Company, LLC. All Rights Reserved



Southwire

**CABLETECH
SUPPORT™**

Services

SPEC 70243 DATE: 06/27/2022 11:11 UTC Rev: 3.0.00M

Table 1 – Weights and Measurements

Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mil	Jacket Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity * Amp
16	6	26/30	30	80	0.535	166	10
18	3	16/30	30	60	0.365	64	10
18	4	16/30	30	60	0.395	78	7
16	3	26/30	30	60	0.390	80	13
16	4	26/30	30	60	0.425	96	10
14	3	41/30	45	80	0.530	167	18
14	4	41/30	45	80	0.575	206	15
12	3	65/30	45	95	0.605	190	25
12	4	65/30	45	95	0.655	233	20
10	3	104/30	45	95	0.660	243	30
10	4	104/30	45	95	0.715	301	25

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)(1) of the 2020 National Electrical Code and CEC Table 12.

Table 2 – Weights and Measurements (Metric)

Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mm	Jacket Thickness mm	Approx. OD mm	Approx. Weight kg/km	Ampacity * Amp
16	6	26/30	0.76	2.03	13.59	247	10
18	3	16/30	0.76	1.52	9.27	95	10
18	4	16/30	0.76	1.52	10.03	116	7
16	3	26/30	0.76	1.52	9.91	119	13
16	4	26/30	0.76	1.52	10.80	143	10
14	3	41/30	1.14	2.03	13.46	249	18
14	4	41/30	1.14	2.03	14.60	307	15
12	3	65/30	1.14	2.41	15.37	283	25
12	4	65/30	1.14	2.41	16.64	347	20
10	3	104/30	1.14	2.41	16.76	362	30
10	4	104/30	1.14	2.41	18.16	448	25

Color Code and Stock Numbers (Jacket Color)

Color	Number of Conductors	Size (Jacket Color)				
		18	16	14	12	10
BLK, WHT, GRN	3		560554 (Yellow)	560703 (Yellow)	560708 (Yellow)	560711 (Yellow)
BLK, WHT, GRN	3		588011 (White)			560973 (Black)
BLK, WHT, RED, GRN	4		560733 (Yellow)	560735 (Yellow)	560736 (Yellow)	560710 (Yellow)
BLK, WHT, RED, GRN	4			560738 (Gray)		558026 (Gray)
BLK, WHT, RED, ORG, BLU GRN/YEL	6		588983 (Yellow)			

