

600V STOW Cord with Jacket 105°C

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

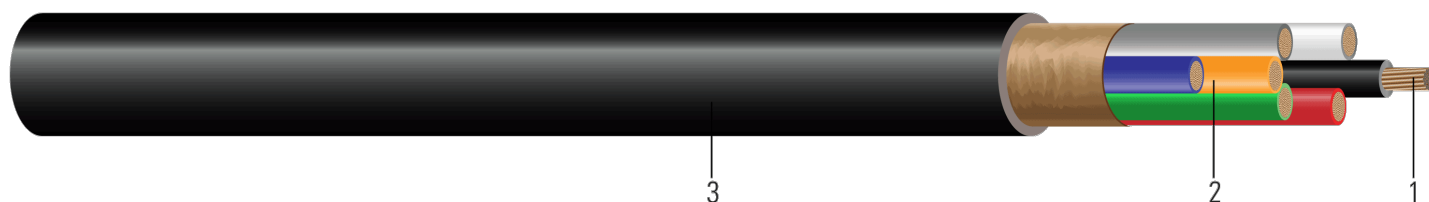


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Class K, Flexible stranded bare copper per ASTM B3 and B174
- Insulation:** Heat and moisture resistant colored PVC (other color options available)
- Jacket:** PVC (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type STOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2017 National Electric Code. Some typical applications for Type STOW 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

SAMPLE PRINT LEGEND:

SOUTHWIRE® {UL} VW-1 E46194 STOW 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.



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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
18	2	16/30	30	60	0.375	63	10
18	3	16/30	30	60	0.393	81	10
18	4	16/30	30	60	0.395	85	7
18	5	16/30	30	80	0.468	120	7
16	2	26/30	30	60	0.360	65	13
16	3	26/30	30	75	0.410	87	13
16	4	26/30	30	75	0.420	104	10
14	3	41/30	45	80	0.530	146	18
14	4	41/30	45	80	0.566	174	15
12	3	65/30	45	95	0.605	202	25
12	4	65/30	45	95	0.634	232	20

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 2017 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
18	2	16/30	0.76	1.52	9.52	94	10
18	3	16/30	0.76	1.52	9.98	121	10
18	4	16/30	0.76	1.52	10.03	126	7
18	5	16/30	0.76	2.03	11.89	179	7
16	2	26/30	0.76	1.52	9.14	97	13
16	3	26/30	0.76	1.91	10.41	129	13
16	4	26/30	0.76	1.91	10.67	155	10
14	3	41/30	1.14	2.03	13.46	217	18
14	4	41/30	1.14	2.03	14.38	259	15
12	3	65/30	1.14	2.41	15.37	301	25
12	4	65/30	1.14	2.41	16.10	345	20

Color Code and Stock Numbers (Black Jacket)

Color	Number of Conductors	Size
		18
BLK, WHT	2	
BLK, WHT, GRN	3	
BLK, WHT, GRN/YLW	3	
BLK, WHT, RED, GRN	4	581817
BLK, WHT, GRN, VIO, GRA	5	644499
BLK, WHT, GRN, ORG, RED	5	583739



Color Code and Stock Numbers (White Jacket)

Color	Number of Conductors	Size
		18
BLK, WHT	2	
BLK, WHT, GRN	3	581813
BLK, WHT, GRN/YLW	3	
BLK, WHT, RED, GRN	4	581815
BLK, WHT, GRN, VIO, GRA	5	647060
BLK, WHT, GRN, RED, BLU	5	641115

Color Code and Stock Numbers (Gray Jacket)

Color	Number of Conductors	Size			
		18	16	14	12
BLK, WHT	2		570197		
BLK, WHT, GRN	3		570460	570464	570469
BLK, WHT, RED, GRN	4	570185	570462	570467	570191
BLK, WHT, GRN, RED, ORG	5	586962			

Color Code and Stock Numbers (Yellow Jacket)

Color	Number of Conductors	Size			
		18	16	14	12
BLK, WHT	2				
BLK, WHT, GRN	3	570459	570461	570466	
BLK, WHT, RED, GRN	4	570186	570463	570468	570190



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