300V Type SVT 105°C. Silicone-Free

300 Volt 105°C Vacuum Cleaner Cord. Not for Hard Usage. PVC Insulation and Jacket.

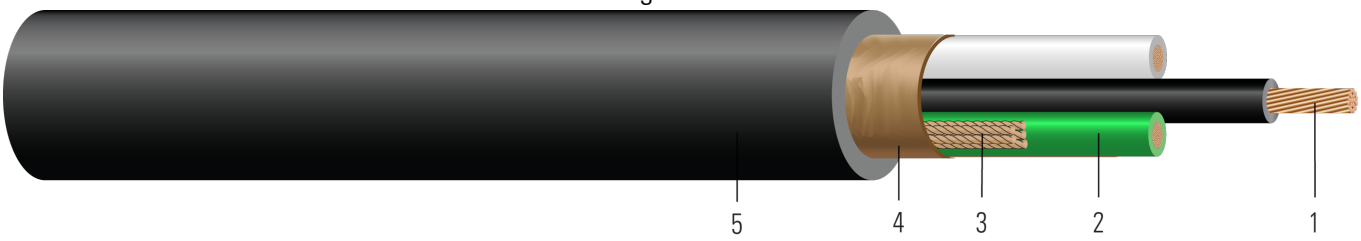

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class M, Flexible Stranded Bare Copper per ASTM B-174
2. **Insulation:** Polyvinyl Chloride (PVC)
3. **Filler:** Polyproylene or Paper fillers as necessary for a round assembly
4. **Binder:** Tissue paper separator hellicaly applied over the cabled conductors
5. **Jacket:** Polyvinyl Chloride (PVC) (Colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SVT Flexible Cords are permitted for use as specified by Article 400 and related articles of the National Electrical Code®. Some typical applications for Type SVT include, but are not limited to: vacuum cleaners, household food preparing machines, home entertainment appliances, blowers, etc.

SPECIFICATIONS:

- ASTM B3 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
- RoHS-3 Complies with European Directive 2015/863

SAMPLE PRINT LEGEND:

(UL) VW-1 E46194 SVT X/C 18 AWG (0.824mm2) 105C 300V (CSA) FT1, FT2 LL90458

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
674048	18	3	41	15	30	0.245	39	7	2.814	BK,WE,GN/ YW	BK
565289	18	3	41	15	30	0.251	40	7	2.814	BK,WE,GN	BK
641182	18	3	41	15	30	0.255	41	7	2.814	BN,BE,GN/ YW	BK
557988	18	2	41	15	40	0.245	33	10	2.814	BK,WE	BK
558107	18	3	41	15	30	0.255	39	7	2.814	BK,WE,GN	BK
557989	18	3	41	15	30	0.255	39	7	2.814	BK,WE,GN	BK
564616	18	3	41	15	30	0.26	42	7	2.814	BK,GN/ YW,WE	BK
583974	18	2	41	15	30	0.24	33	10	2.814	BK,WE	BK
564753	18	2	41	15	40	0.245	33	10	2.814	BK,WE	BK
652970	18	2	41	15	30	0.245	33	10	2.814	BK,WE	BK
566072	18	2	41	15	30	0.245	33	10	2.814	BK,WE	BK
565073	18	3	41	15	30	0.255	42	7	2.814	BK,WE,GN	BK
564650	18	3	41	15	40	0.255	42	7	2.814	BN,BE,GN/ YW	BK
574829	18	3	41	15	30	0.255	41	7	2.814	BK,RD,BE	BK

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 2023 National Electrical Code and CEC Table 12
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
674048	18	3	41	0.38	0.76	6.22	58	7	9.23	BK,WE,GN/ YW	BK
565289	18	3	41	0.38	0.76	6.38	60	7	9.23	BK,WE,GN	BK
641182	18	3	41	0.38	0.76	6.48	61	7	9.23	BN,BE,GN/ YW	BK
557988	18	2	41	0.38	1.02	6.22	49	10	9.23	BK,WE	BK
558107	18	3	41	0.38	0.76	6.48	58	7	9.23	BK,WE,GN	BK
557989	18	3	41	0.38	0.76	6.48	58	7	9.23	BK,WE,GN	BK
564616	18	3	41	0.38	0.76	6.60	63	7	9.23	BK,GN/ YW,WE	BK
583974	18	2	41	0.38	0.76	6.10	49	10	9.23	BK,WE	BK
564753	18	2	41	0.38	1.02	6.22	49	10	9.23	BK,WE	BK
652970	18	2	41	0.38	0.76	6.22	49	10	9.23	BK,WE	BK
566072	18	2	41	0.38	0.76	6.22	49	10	9.23	BK,WE	BK
565073	18	3	41	0.38	0.76	6.48	63	7	9.23	BK,WE,GN	BK
564650	18	3	41	0.38	1.02	6.48	63	7	9.23	BN,BE,GN/ YW	BK
574829	18	3	41	0.38	0.76	6.48	61	7	9.23	BK,RD,BE	BK

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

Table 3 - Filler Type

Stock Number	Filler
674048	No Filler
565289	No Filler
641182	No Filler
557988	Poly Filler
558107	Poly Filler
557989	Poly Filler
564616	Poly Filler
564753	Paper Filler
583974	Paper Filler
652970	Paper Filler
566072	Paper Filler
565073	Paper Filler
564650	Paper Filler
574829	Paper Filler

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