

## 300V Type SVT 105°C. Silicone-Free

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

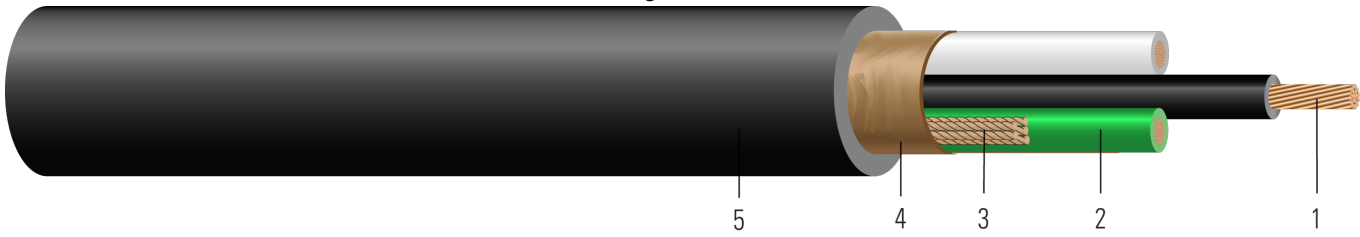


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- Conductor:** Class M, Flexible Stranded Bare Copper per ASTM B-174
- Insulation:** Polyvinyl Chloride (PVC)
- Filler:** Polypropylene or Paper fillers as necessary for a round assembly
- Binder:** Tissue paper separator helically applied over the cabled conductors
- 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 (0.824mm<sup>2</sup>) 105C 300V (CSA) FT1, FT2 LL90458

**Table 1 - Physical and Electrical Data (No Filler)**

Stock Number	Cond. Size	Cond. Strands	Cond. Count	Diameter Over Cond.	Insulation Thickness	Color Code	Jacket Thickness	Approx. OD	Approx. Weight	Jacket Color	Min. Bending Radius	Allowable Ampacity 90°C*
	AWG	No.	No.	inch	mil	-	mil	inch	lb/1000ft	-	inch	Amp
565289	18	41	3	0.046	15	BK/WE/ GN	40	0.251	40	BLACK	1	10
674048	18	41	3	0.046	15	BK/WE/ GN-YW	30	0.245	39	BLACK	1	10
641182	18	41	3	0.046	15	BN/BE/ GN-YW	30	0.245	41	BLACK	1	10

All dimensions are nominal and subject to normal manufacturing tolerances

\* Ampacities based on 2023 National Electrical Code® Table 400.5(A)(1) Column B for two current carrying conductors.





**Table 2 - Physical and Electrical Data (Poly Fillers)**

Stock Number	Cond. Size	Cond. Strands	Cond. Count	Diameter Over Cond.	Insulation Thickness	Color Code	Jacket Thickness	Approx. OD	Approx. Weight	Jacket Color	Min. Bending Radius	Allowable Ampacity 90°C*
	AWG	No.	No.	inch	mil	-	mil	inch	lb/1000ft	-	inch	Amp
557988	18	41	2	0.046	15	BK/WE	40	0.245	34	WHITE	1	10
558107	18	41	3	0.046	15	BK/WE/ GN	30	0.255	40	BLACK	1	10
557989	18	41	3	0.046	15	BN/BE/ GN	30	0.255	40	WHITE	1	10
564616	18	41	3	0.046	15	BN/BE/ GN-YW	30	0.26	42	BLACK	1	10

All dimensions are nominal and subject to normal manufacturing tolerances

\* Ampacities based on 2023 National Electrical Code® Table 400.5(A)(1) Column B for two current carrying conductors.

**Table 3 - Physical and Electrical Data (Paper Fillers)**

Stock Number	Cond. Size	Cond. Strands	Cond. Count	Diameter Over Cond.	Insulation Thickness	Color Code	Jacket Thickness	Approx. OD	Approx. Weight	Jacket Color	Min. Bending Radius	Allowable Ampacity 90°C*
	AWG	No.	No.	inch	mil	-	mil	inch	lb/1000ft	-	inch	Amp
564753	18	41	2	0.046	15	BK/WE	30	0.245	33	BLACK	1	10
583974^	18	41	2	0.046	15	BK/WE	30	0.245	33	BLACK	1	10
566072	18	41	2	0.046	15	BK/WE	30	0.245	33	WHITE	1	10
652970	18	41	2	0.046	15	BK/WE	40	0.245	33	WHITE	1	10
565073	18	41	3	0.046	15	BK/WE/ GN	30	0.255	42	BLACK	1	10
564650	18	41	3	0.046	15	BK/WE/ GN-YW	40	0.255	42	BLACK	1	10
574829	18	41	3	0.046	15	BK/RD/ BE	30	0.255	41	GREY	1	10

All dimensions are nominal and subject to normal manufacturing tolerances

\* Ampacities based on 2023 National Electrical Code® Table 400.5(A)(1) Column B for two current carrying conductors.

^Tinned Copper

