

300V Type SVT 105°C. Silicone-Free

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

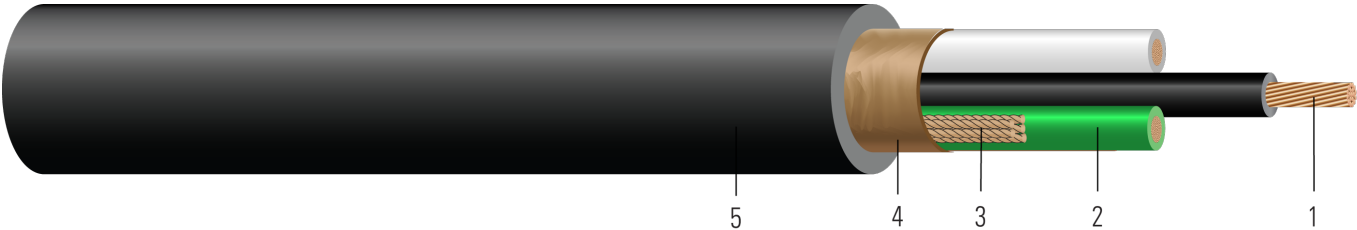


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- 1. **Conductor:** Class M, Flexible Stranded Bare Copper per ASTM B-174
- 2. **Insulation:** Polyvinyl Chloride (PVC)
- 3. **Filler:** Polypropylene or Paper fillers as necessary for a round assembly
- 4. **Binder:** Tissue paper separator helically 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

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

