



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 (0.824mm²) 105C 300V (CSA) FT1, FT2 LL90458

Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity | Insul. Color | Jacket Color |
|--------------|---------------|--------------|---------------|------------------|------------------|------------|----------------|----------|-----------------|--------------|
| | AWG/ Kcmil | No. | No. | mil | mil | inch | lb/1000ft | Amp | | |
| 674048 | 18 | 3 | 41 | 15 | 30 | 0.245 | 39 | 7 | BK,WE,GN/ YW | 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

Table 2 – Weights and Measurements (Metric)

| | | | | | | | | | | |
|--------|----|---|----|------|------|------|----|---|-----------------|----|
| 674048 | 18 | 3 | 41 | 0.38 | 0.76 | 6.22 | 58 | 7 | BK,WE,GN/ YW | 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 |

