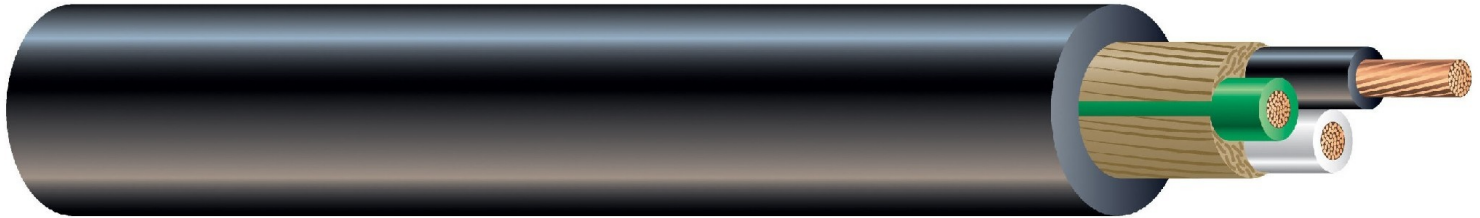


105°C PVC Cord. 600 Volts. Flexible Copper Conductors.
 Flexible PVC Insulation and Jacket.
 Grey or Yellow Jacket. Rated -34°C to 105°C. Rated as Extra Hard-Usage Service Cord.
 Flame Retardant and Meets UL and CSA FT2 Flame Tests.
 Approved for Outdoor Use. Provides Premium Oil Resistance, Water Resistant, and Flexibility .



APPLICATIONS

Southwire Type STOOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2011 National Electrical Code. Some typical applications for Type STOOW Cords include wiring for industrial machinery, washing machines and various other large appliances, heavy-duty tools, motors, and temporary electrical power and lighting installations for construction sites. Type STOOW Cords are suitable for use in (i) dry locations not to exceed minimum -34°C or maximum 105°C; or (ii) wet locations or other applicable locations - may be completely immersed in water - when exposed to oil or coolant at temperatures not to exceed 60°C. Type STOOW cords are ideal for flex applications in harsh environments where the highest degree for oil resistance and extended service life are essential.

SPECIFICATIONS

- UL 62
- CSA Standard 22.2 No. 49
- Federal Specification J-C-580B
- NEC Article 400
- OSHA acceptable
- RoHS Compliant




CONSTRUCTION

Southwire Type STOOW Flexible Cords are manufactured using sizes 18 AWG though 10 AWG bare flexible stranded Class K copper conductors per ASTM B-174, and heat, moisture and oil resistant 105°C color-coded PVC insulation. The insulated conductors are cabled with non-wicking polypropylene fillers, with a tissue-paper separator wrapped around the assembly to promote easier removal of the jacket. A heat, moisture and oil resistant flexible PVC jacket is extruded over the assembly to complete the construction. Some sizes may be subject to minimum order quantity.

Type ST00W - Plastic (PVC)

Conductor Size (AWG)	Conductor Stranding (#/AWG)	Nominal Insulation Thickness (in)	Nominal Jacket Thickness (in)	Nominal Overall Diameter (in)	Weight (lbs/1000ft)	Ampacity
18/2	16 X 30	0.030	0.060	0.350	52	10
18/3	16 X 30	0.030	0.060	0.365	64	10
18/4	16 X 30	0.030	0.060	0.395	78	7
16/2	26 X 30	0.030	0.060	0.375	63	13
16/3	26 X 30	0.030	0.060	0.390	80	13
16/4	26 X 30	0.030	0.060	0.425	96	10
16/5	26 X 30	0.030	0.080	0.505	135	8
14/2	41 X 30	0.045	0.080	0.505	131	18
14/3	41 X 30	0.045	0.080	0.530	167	18
14/4	41 X 30	0.045	0.080	0.575	206	15
14/5	41 X 30	0.045	0.095	0.650	219	12
12/2	65 X 30	0.045	0.095	0.575	155	25
12/3	65 X 30	0.045	0.095	0.605	190	25
12/4	65 X 30	0.045	0.095	0.655	233	20
10/2	104 X 30	0.045	0.095	0.630	197	30
10/3	104 X 30	0.045	0.095	0.660	243	30
10/4	104 X 30	0.045	0.095	0.715	301	25

Ampacity values are based on NEC Table 400.5(A) for sizes 18 AWG through 10 AWG.

# OF CONDUCTORS	COLOR SEQUENCE
2	BLACK, WHITE 
3	BLACK, WHITE, GREEN 
4	BLACK, WHITE, RED, GREEN 



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