



## 600V ST00W Cord with Jacket 105°C. Silicone Free

600 Volt, 105°C Flexible Cord. Heat and Moisture PVC Insulation and Sunlight, Heat, Moisture, Oil Resistant, and Flexible PVC Jacket. Rated for Extra Hard-Usage Service Cords. Approved for Outdoor use. Rated UL VW-1 and CSA FT1, FT2 Flame Resistant.

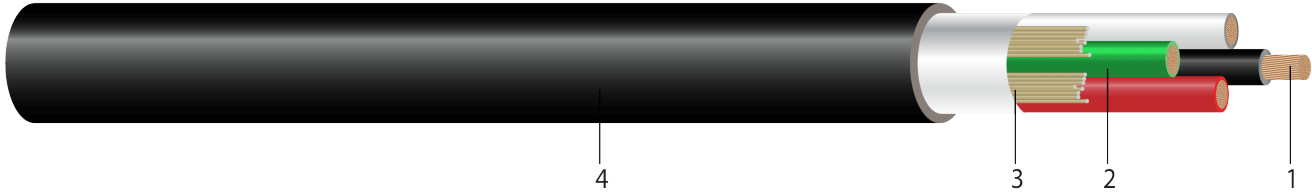


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B3 and B174
2. **Insulation:** Heat, moisture, and oil resistant PVC (see Table 3 for insulation colors)
3. **Filler and Binder:** Fillers as needed to make core round and binder as needed to keep core assembly round on certain constructions (see Table 3 for details)
4. **Jacket:** Sunlight, heat, moisture, and oil resistant PVC (see Table 3 for jacket color)

### APPLICATIONS AND FEATURES:

Southwire Type ST00W Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2020 National Electric Code. Some typical applications for Type ST00W include, but are not limited to: Washing Machines and other large appliances, heavy-duty tools, motors and temporary electrical power and lighting installations for construction sites.

### 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 ST00W X/C XX AWG (X.XXmm<sup>2</sup>) 105(D)C DRY 60(D)C WATER RESISTANT 600V (CSA) FT1,FT2 LL90458





**Table 1 – Weights and Measurements**

Stock Number	Cond. Size AWG/Kcmil	Cond. Number No.	Cond. Strands No.	Insul. Thickness mil	Jacket Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity Amp
588011	16	3	26	30	60	0.39	87	10
652927	16	3	65	30	70	0.407	92	10
589056	16	3	65	30	70	0.407	92	10
2074008	16	3	26	30	75	0.41	89	10
672344	16	3	26	30	75	0.41	89	10
560733	16	4	26	30	60	0.415	104	8
587622	16	5	65	30	85	0.5	143	8
588983	16	6	65	30	80	0.535	166	8
578058	16	8	65	30	85	0.575	200	7
588986	16	8	65	30	80	0.61	217	7
2019302	16	10	65	30	80	0.659	232	5
2019402	16	12	65	30	100	0.69	279	5
2632908	14	3	41	45	85	0.53	146	15
672538	14	3	41	45	85	0.53	146	15
560703	14	3	41	45	80	0.53	155	15
593628	14	3	41	45	80	0.535	158	15
578584	14	3	41	45	80	0.535	156	15
672540	12	3	65	45	100	0.6	195	20
560708	12	3	65	45	95	0.605	210	20
564743	12	4	65	45	95	0.665	246	16
677522	10	3	105	45	95	0.67	262	25
631388	10	3	105	45	110	0.683	265	25
6062109	10	4	104	45	100	0.71	304	20

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)**

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *
	AWG/Kcmil	No.	No.	mm	mm	mm	kg/km	Amp
588011	16	3	26	0.76	1.52	9.91	129	10
652927	16	3	65	0.76	1.78	10.34	137	10
589056	16	3	65	0.76	1.78	10.34	137	10
2074008	16	3	26	0.76	1.91	10.41	132	10
672344	16	3	26	0.76	1.91	10.41	132	10
560733	16	4	26	0.76	1.52	10.54	155	8
587622	16	5	65	0.76	2.16	12.70	213	8
588983	16	6	65	0.76	2.03	13.59	247	8
578058	16	8	65	0.76	2.16	14.60	298	7
588986	16	8	65	0.76	2.03	15.49	323	7
2019302	16	10	65	0.76	2.03	16.74	345	5
2019402	16	12	65	0.76	2.54	17.53	415	5
2632908	14	3	41	1.14	2.16	13.46	217	15
672538	14	3	41	1.14	2.16	13.46	217	15
560703	14	3	41	1.14	2.03	13.46	231	15
593628	14	3	41	1.14	2.03	13.59	235	15
578584	14	3	41	1.14	2.03	13.59	232	15
672540	12	3	65	1.14	2.54	15.24	290	20
560708	12	3	65	1.14	2.41	15.37	313	20
564743	12	4	65	1.14	2.41	16.89	366	16
677522	10	3	105	1.14	2.41	17.02	390	25
631388	10	3	105	1.14	2.79	17.35	394	25
6062109	10	4	104	1.14	2.54	18.03	452	20

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





**Table 3 - Filler, Binder, Insulation and Jacket Colors**

Stock Number	Conductor Size	Conductor Number	Filler	Binder	Insulation Colors	Jacket Color
588011	16	3	None	White Tissue Paper	Black, White, Green	White
652927	16	3	None	White Tissue Paper	Black, White, Green-Yellow	Black
589056	16	3	None	White Tissue Paper	Black, White, Green-Yellow	Yellow
2074008	16	3	Polypropylene	None	Black, White, Red	Black
672344	16	3	Polypropylene	None	Black, White, Green	Black
560733	16	4	Paper	White Tissue Paper	Black, White, Green, Red	Yellow
587622	16	5	Polypropylene	White Tissue Paper	Black, White, Red, Orange, Green-Yellow	Yellow
588983	16	6	Polypropylene	White Tissue Paper	Black, White, Red, Green-Yellow, Orange, Blue	Yellow
578058	16	8	Polypropylene	White Tissue Paper	Black, White, Brown, Pink, Blue, Yellow, Orange, Red	Yellow
588986	16	8	PVC	White Tissue Paper	Black, White, Red, Green-Yellow, Orange, Blue, White-Black, Red-Black	Yellow
2019302	16	10	Polypropylene	Mylar	Black, White, Green-Yellow, Red, Orange-Black, Green-Black, Red-Black, White-Black, Blue, Orange	Yellow
2019402	16	12	Polypropylene	Mylar	Black, White, Red, Green-Yellow, Black-White, Blue-Black, Orange-Black, Green-Black, Red-Black, White-Black, Blue, Orange	Yellow
2632908	14	3	Polypropylene	None	Black, White, Green-Yellow	Black
672538	14	3	Polypropylene	None	Black, White, Green	Black
560703	14	3	None	White Tissue Paper	Black, White, Green	Yellow
593628	14	3	None	White Tissue Paper	Black, Green, Red	Yellow
578584	14	3	None	White Tissue Paper	Black, White, Green	Yellow
672540	12	3	Polypropylene	None	Black, White, Green	Black
560708	12	3	None	White Tissue Paper	Black, White, Green	Yellow
564743	12	4	Paper	White Tissue Paper	Black, White, Red, Green	Black
677522	10	3	Polypropylene	White Tissue Paper	Black, Red, Green	Black
6062109	10	4	Polypropylene	Mylar	Black, Black, Green-Yellow, Black	Gray

