

# SEOPRENE® SEOOW CORD

600 Volt Cord. 105°C Premium Oil Resistance, Sunlight, Water Resistance and Flame Retardant

## APPLICATIONS

Southwire Type SEOOW Flexible Cords are permitted for Indoor and outdoor temporary power uses, portable industrial machinery and compressors, food processing and washdown facilities. Type SEOOW Cords are suitable for use in temperatures between -50°C to maximum 105°C.

## SPECIFICATIONS

- UL 62
- CSA Standard 22.2 No. 49
- NEC 400
- NEC 501.140 Class I Division 2
- Passes CSA FT2 Flame Test
- MSHA
- RoHS-2 (European Directive 2011/65/EU)

## CONSTRUCTION

1. Conductors: Class K stranded bare copper per ASTM B-174
2. Insulation: TPE
3. Jacket: Black TPE (other colors available upon request)

## SAMPLE PRINT LEGEND

SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm<sup>2</sup>) SEOOW E46194 (UL) 600V -50C TO 105C -- CSA LL90458 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT

## SAMPLE INDENT LEGEND

P-241-3-MSHA

## SAMPLE INKJET PRINT LEGEND

XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

## PACKAGING

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



MRO ELECTRONIC SUPPLY LTD.

Contact MRO for more information at (403)291-0501  
sales@mroelectronics.com

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**TABLE 1 - WEIGHTS & MEASUREMENTS**

Stock Code	CCI Part Number	Cond. Size AWG	No. of Cond.	No. of Strands	Insulation Thickness (Inchs)	Insulation Thickness (mm)	Jacket Thickness (Inchs)	Jacket Thickness (mm)	Nominal OD (Inchs)	Nominal OD (mm)	Nominal Weight (Lbs/Mft)	Nominal Weight (kg/km)
550431	22229	10	2	104/30	0.045	1.143	0.105	2.65	0.615	15.62	196	292
550393	22329	10	3	104/30	0.045	1.143	0.105	2.67	0.65	16.51	245	365
550394	22429	10	4	104/30	0.045	1.143	0.105	2.67	0.702	17.83	301	448
550875	30509	10	5	104/30	0.045	1.143	0.105	2.67	0.76	19.35	358	533
598751	30609	10	6	104/30	0.045	1.143	0.105	2.67	0.82	20.83	421	627
598752	30709	10	7	104/30	0.045	1.143	0.105	2.67	0.85	21.46	449	668
598753	31009	10	10	104/30	0.045	1.143	0.105	2.67	1.052	26.72	649	966
550432	22228	12	2	65/30	0.045	1.143	0.095	2.41	0.57	14.48	153	228
550395	22328	12	3	65/30	0.045	1.143	0.095	2.41	0.592	15.04	185	275
550397	22428	12	4	65/30	0.045	1.143	0.095	2.41	0.642	16.31	227	338
550497	30508	12	5	65/30	0.045	1.143	0.095	2.41	0.707	17.96	280	417
598745	30608	12	6	65/30	0.045	1.143			0.745	18.92	308	458
598746	30808	12	8	65/30	0.045	1.143			0.802	20.37	373	555
598750	31208	12	12	65/30	0.045	1.143			0.99	25.15	552	821
550562	22227	14	2	41/30	0.045	1.143	0.080	2.03	0.497	12.62	114	170
550398	22327	14	3	41/30	0.045	1.143	0.080	2.03	0.522	13.26	140	208
550399	22427	14	4	41/30	0.045	1.143	0.080	2.03	0.565	14.35	166	247
550626	30507	14	5	41/30	0.045	1.143	0.095	2.41	0.642	16.31	214	318
550626	30507	14	5	41/30	0.045	1.143			0.642	16.31	212	315
598739	30607	14	6	41/30	0.045	1.143			0.69	17.53	245	365

**TABLE 2 - ELECTRICAL AND ENGINEERING DATA**

Stock Code	CCI Part Number	† Amps	Nom. DCR $\Omega/1M'$
550431	22229	30	1.05
550393	22329	30	1.05
550394	22429	25	1.05
550875	30509	20	1.05
598751	30609	20	1.05
598752	30709	17	1.05
598753	31009	12	1.05
550432	22228	25	1.66
550395	22328	25	1.66
550397	22428	20	1.66
550497	30508	16	1.66
598745	30608	16	1.66
598746	30808	14	1.66
598750	31208	10	1.66
550562	22227	18	2.64
550398	22327	18	2.64
550399	22427	15	2.64
550626	30507	12	2.64
550626	30507	4	2.64
598739	30607	12	2.64

All dimensions are nominal and subject to nominal manufacturing tolerances

† Ampacities are based on TABLE 400.5(A) of the 2014 National Electrical Code and CEC Table 12.

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598740	30707	14	7	41/30	0.05	1.14			0.69	18	261	388
598741	30807	14	8	41/30	0.05	1.14			0.743	19	295	439
589921	31007	14	10	41/30	0.05	1.14			0.858	22	358	533
598742	31207	14	12	41/30	0.05	1.14			0.885	22	405	603
598743	31607	14	16	41/30	0.05	1.14			1.007	26	533	793
598744	33007	14	30	41/30	0.05	1.14			1.31	33	945	1406
550634	22226	16	2	26/30	0.03	0.76	0.06	1.52	0.367	9	62	92
550402	22326	16	3	26/30	0.03	0.76	0.06	1.52	0.387	10	77	115
550464	22426	16	4	26/30	0.03	0.76	0.06	1.52	0.415	11	91	135
550555	30506	16	5	26/30	0.03	0.76	0.08	2.03	0.492	12	128	190
562791	30606	16	6	26/30	0.03	0.76			0.522	13	144	214
595375	30706	16	7	26/30	0.03	0.76			0.522	13	153	228
589888	30806	16	8	26/30	0.03	0.76			0.56	14	173	257
598735	31006	16	10	26/30	0.03	0.76			0.634	16	210	313
594889	31206	16	12	26/30	0.03	0.76			0.698	18	260	387
598736	31406	16	14	26/30	0.03	0.76			0.725	18	285	424
598737	31606	16	16	26/30	0.03	0.76			0.755	19	314	467

**TABLE 2 - ELECTRICAL AND ENGINEERING DATA**

Stock Code	CCI Part Number	† Amps	NOTH. DCR $\Omega/1M$
598740	30707	10	2.64
598741	30807	10	2.64
589921	31007	7	2.64
598742	31207	7	2.64
598743	31607	7	2.64
598744	33007	6	2.64
550634	22226	13	4.12
550402	22326	13	4.12
550464	22426	10	4.12
550555	30506	8	4.12
562791	30606	8	4.12
595375	30706	7	4.12
589888	30806	7	4.12
598735	31006	5	4.12
594889	31206	5	4.12
598736	31406	5	4.12
598737	31606	5	4.12

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598738	33006	16	30	26/30	0.03	0.76			0.99	25	553	823
550560	22225	18	2	16/30	0.03	0.76	0.06	1.52	0.342	9	54	80
550561	22325	18	3	16/30	0.03	0.76	0.06	1.52	0.362	9	64	95
551469	22425	18	4	16/30	0.03	0.76	0.06	1.52	0.387	10	79	118
569645	30505	18	5	16/30	0.03	0.76	0.08	2.03	0.462	12	108	161
598758	30605	18	6	16/30	0.03	0.76			0.484	12	118	176
598728	30705	18	7	16/30	0.03	0.76			0.484	12	125	186
598729	30805	18	8	16/30	0.03	0.76			0.517	13	141	210
598730	31005	18	10	16/30	0.03	0.76			0.592	15	169	251
598731	31205	18	12	16/30	0.03	0.76			0.61	15	192	286
598732	31405	18	14	16/30	0.03	0.76			0.636	16	216	321
595487	31605	18	16	16/30	0.03	0.76			0.695	18	252	375

**TABLE 2 - ELECTRICAL AND ENGINEERING DATA**

Stock Code	CCI Part Number	† Amps	Nom. DCR Ω/1M'	Color Code: (See Color Table per ICEA E1 (Earlier was K1))			
598738	33006	4.5	4.12	#	Color Code	#	Color Code
550560	22225	10	6.4	1	Black	21	Orange/Green
550561	22325	10	6.4	2	White	22	Black/White/Red
551469	22425	7	6.4	3	Red	23	White/Black/Red
569645	30505	5	6.4	4	Green	24	Red/Black/White
598758	30605	5.5	6.4	5	Orange	25	Green/Black/White
598728	30705	4.5	6.4	6	Blue	26	Orange/Black/White
598729	30805	4.5	6.4	7	White/Black	27	Blue/Black/White
598730	31005	3.5	6.4	8	Red/Black	28	Black/Red/Green
598731	31205	3.5	6.4	9	Green/Black	29	White/Red/Green
598732	31405	3.5	6.4	10	Orange/Black	30	Red/Black/Green
595487	31605	3.5	6.4	11	Blue/Black	31	Green/Black/Orange
				12	Black/White	32	Orange/Black/Green
				13	Red/White	33	Blue/White/Orange
				14	Green/White	34	Black/White/Orange
				15	Blue/White	35	White/Red/Orange
				16	Black/Red	36	Orange/White/Blue
				17	White/Red	37	White/Red/Blue
				18	Orange/Red	38	Black/White/Green
				19	Blue/Red	39	White/Black/Green
				20	Red/Green	40	Red/White/Green

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