

**RUBBER/NEOPRENE**

**TYPE SO/SOW**  
**90°C. 600V**

**APPLICATIONS**

- Portable tools & equipment
- Portable appliances
- Small motors & machinery
- Flexible power leads

**FUTURES:**

- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water resistant (SOW ONLY)
- UL&CSA for Indoor & outdoor use. (SOW ONLY)

**CONDUCTORS:**

- Fully annealed stranded bare Copper per ASTM B-174

**INSULATION:**

- Premium grade EPDM rubber

**JACKET:**

- Black neoprene

**APPROVALS:**

- UL flexible cord-Subject 62
- CSA flexible cord
- C22.2-49OSHA acceptable
- MSHA approved
- JC 580

<b>ABLE P/N Number</b>	<b>No. of Cond</b>	<b>AWG Size</b>	<b>Cond Strand</b>	<b>Nom Ins Thickness Inches</b>	<b>Nom OD Inches</b>	<b>AMP Rating</b>
18/1 SO - BK	1	18	16/30	0.030	0.180	7
18/2 SOW - BK	2	18	16/30	0.030	0.345	10
18/3 SOW - BK	3	18	16/30	0.030	0.365	10
18/4 SOW - BK	4	18	16/30	0.030	0.390	7
18/5 SOW - BK	5	18	16/30	0.030	0.465	0.465
16/1 SO - BK	1	16	26/30	0.030	0.200	10
16/2 SOW - BK	2	16	26/30	0.030	0.370	13
16/3 SOW - BK	3	16	26/30	0.030	0.390	13
16/4 SOW - BK	4	16	26/30	0.030	0.420	10
16/5 SOW - BK	5	16	26/30	0.030	0.495	8
14/1 SO - BK	1	14	41/30	0.045	0.240	15
14/2 SOW - BK	2	14	41/30	0.045	0.500	18
14/3 SOW - BK	3	14	41/30	0.045	0.530	18
14/4 SOW - BK	4	14	41/30	0.045	0.575	15
14/5 SOW - BK	5	14	41/30	0.045	0.650	12
12/1 SO - BK	1	12	65/30	0.045	0.260	20
12/2 SOW - BK	2	12	65/30	0.045	0.570	25
12/3 SOW - BK	3	12	65/30	0.045	0.600	25
12/4 SOW - BK	4	12	65/30	0.045	0.650	20
12/5 SOW - BK	5	12	65/30	0.045	0.710	16
10/1 SO - BK	1	10	104/30	0.045	0.3	25
10/2 SOW - BK	2	10	104/30	0.045	0.620	30
10/3 SOW - BK	3	10	104/30	0.045	0.660	30
10/4 SOW - BK	4	10	104/30	0.045	0.715	25
10/5 SOW - BK	5	10	104/30	0.045	0.770	20
8/3 SOW - BK	3	8	133/29	0.060	0.855	40
8/4 SOW - BK	4	8	133/29	0.060	0.970	35
8/5 SOW - BK	5	8	133/29	0.060	1.075	28
6/3 SOW - BK	3	6	133/27	0.060	0.98	55
6/4 SOW - BK	4	6	133/27	0.060	1.090	45
6/5 SOW - BK	5	6	133/27	0.060	1.225	36
4/3 SOW - BK	3	4	133/25	0.060	1.140	70
4/4 SOW - BK	4	4	133/25	0.060	1.260	60
4/5 SOW - BK	5	4	133/25	0.060	1.365	48
2/3 SOW - BK	3	2	133/23	0.060	1.330	80

2/4 SOW - BK	4	2	133/23	0.060	1.460	80
2/5 SOW - BK	5	2	133/23	0.060	1.61	80
<b>Color Code: (1 black)(2-white) (3-green) (4-red) (5-orange)</b>						

**Type SO Not UL or CSA but is manufactured to accepted commercial standards.**

**\*\*These ampacities are based on a conductor temperature of 90 Deg. C and an ambient air temperature of 40 Deg. C per ICEA Pub-S-68-516 NEMA WC-8. Type SOW supplied with UL and CSA labels.**