

# Product Data Sheet

## SOOW 90 C - Non-UL



### Product Description

Synthetic rubber insulation  
Thermoset jacket  
90 °C, 600 V

### Applications

For use as portable electrical power and portable control cable. Can be used for ground test or motor leads. Also can provide heavy-duty service for industrial tools, portable lights, battery chargers and equipment exposed to oils, solvents, flame and grease.

### Specifications

- CONDUCTOR: Bare, annealed copper per ASTM B-3, flexible, bunch stranded per UL 62, a separator may be applied over the conductor
- INSULATION: Synthetic rubber per UL 62
- COLOR CODE: Per ICEA Method 1, Table E-1 (up to 21/C) except 3/C which is black, white, green
- ASSEMBLY: Insulated conductors are cabled with fillers as necessary to make round, a separator is applied over the assembly
- OVERALL JACKET: Black, oil-resistant thermoset compound per UL 62
- STANDARDS: Accepted by MSHA and printed with the manufacturer's P number. This product is not UL Listed or CSA Certified
- AMPACITY: Based on a 30 °C ambient temperature per 2008 NEC Table 400.5(A), the values are derated (where applicable) according to 2008 NEC Article 400.5
- TEMPERATURE: 90 °C
- VOLTAGE: 600 V

# Product Data Sheet

Other conductor counts available upon request. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
4A-1201	12	65	1	0.270	57	25
4A-1001	10	105	1	0.290	72	30
4A-0806	8	133	6	0.930	765	28
4A-0805	8	133	5	0.900	630	28
4A-0804	8	65	4	0.810	506	28
4A-0803	8	65	3	0.780	440	35
4A-0802	8	65	2	0.720	345	40
4A-0606	6	133	6	1.150	1,010	36
4A-0605	6	133	5	1.050	807	36
4A-0604	6	133	4	0.890	664	36
4A-0603	6	133	3	0.880	562	45
4A-0602	6	133	2	0.800	408	55
4A-0406	4	133	6	1.400	1,550	48
4A-0405	4	133	5	1.350	1,450	48
4A-0404	4	133	4	1.220	1,405	48
4A-0403	4	133	3	0.990	1,020	60
4A-0402	4	133	2	0.950	825	70
4A-0205	2	133	5	1.420	1,725	64
4A-0204	2	133	4	1.270	1,475	64
4A-0203	2	133	3	1.150	1,190	80