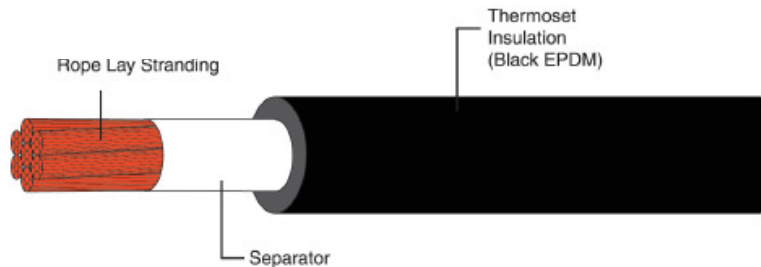


DATE: 11-8-11
Revision 1

PRODUCT SPECIFICATION

TYPE: EPDM (Ethylene Propylene Diene Monomer) Insulated
 7500 Volt, 125°C, UL AWM Style 3900

SIZE: 8 AWG Through 535.3 KCMIL - One Conductor



I. SCOPE:

This specification covers the construction requirements for 125°C rated, 7500 Volt Appliance Wiring Material suitable for use as motor leads and the internal wiring of appliances.

These cables consist of extra flexible stranded, tin-coated copper conductors with separator, and integrally insulated / jacketed with EPDM (Ethylene Propylene Diene Monomer).

II. CONSTRUCTION DATA:

SIZE (AWG) OR (KCMIL)	STRANDING	INSULATION WALL (MILS)	NOMINAL DIAMETER (INCHES)
8	84/.0142"	125	0.435
6	84/.0179"		0.475
4	133/.0179"		0.530
2	133/.0223"		0.595
1	259/.0179"		0.635
1/0	259/.0202"		0.690
2/0	259/.0227"		0.730
3/0	259/.0255"		0.790
4/0	532/.0201"		0.805
4/0	259/.0286"		0.855

262.6	646/.0201"		0.900
373.7	925/.0201"		1.020
350	888/.0201"		1.020
535.3	1332/.0201"		1.130

A. CONDUCTOR:

Rope-lay stranded, annealed tin-coated copper conforming to ASTM B-33 and Underwriters' Laboratories requirements. An opaque Mylar tape shall be applied over the conductor to facilitate stripping.

B. INSULATION:

Black heat and corona resistant EPDM (Ethylene Propylene Diene Monomer) conforming to UL Standard 758 requirements for Style 3900.

C. PRINTING:

“(SIZE) AWG (OR KCMIL) RU AWM STYLE 3900 7500 V. 125°C --- SOUTHWIRE”

D. TESTING:

Physical and electrical tests in accordance with UL AWM requirements.