

DATE: 03-30-07

PRODUCT SPECIFICATION 13439 A

**TYPE: NEOPRENE INSULATED
APPLIANCE WIRING MATERIAL
UL STYLE NO. 3039 (18-16 AWG)
UL STYLE NO. 3043 (14-12 AWG)
600 VOLTS, 90°C
CSA TYPE CL902, 90°C, 300 VOLTS, WHEN REQUESTED**

SIZE: 18 AWG THRU 12 AWG - SINGLE CONDUCTOR

I. SCOPE:

This specification covers the construction requirements for neoprene insulated appliance wiring material styles 3039 and 3043.

These cables consist of extra flexible stranded, tin-coated copper conductor, separator and integrally insulated/jacketed with neoprene.

USE: Internal wiring of appliances where exposed to temperatures not exceeding 90°C and where exposed to oil at a temperature not exceeding 60°C.

II. CONSTRUCTION DATA:

SIZE (AWG)	STRANDING	INSULATION		AWM STYLE
		MIN. AVE WALL (MILS)	OUTSIDE DIAMETER (INCHES)	
18	16/.0100"	60	.175 +/- .010	3039
16	26/.0100"	60	.187 +/- .010	3039
14	41/.0100"	80	.240 +/- .010	3043
12	65/.0100"	80	.260 +/- .010	3043

- A. CONDUCTOR: Rope stranded, annealed tin-coated copper conforming to UL requirements. A suitable separator shall be applied over the conductor to facilitate stripping. Also rope stranded 34 AWG copper and/or bare (un-coated) copper available upon request.**
- B. INSULATION: Black neoprene conforming to UL Class 17 requirements per UL Standard 1581.**
- C. TESTING: Physical and electrical tests in accordance with the requirements for Underwriters' Laboratories appliance wiring material style no. 3039 / 3043 and CSA requirements for CL902.**