

DATE: 03-14-2012
 Revision 0
 By: EKG

PRODUCT SPECIFICATION

TYPE: EPDM Insulated Wire
 125°C Flexing, 150°C Non Flexing
 UL Listed AWM Styles 3340/3374, 600V
 CSA Type CL 1254 125°C, 600V

SIZE: 4/0 AWG - Single Conductor

I. SCOPE:

This specification covers the construction requirements for single conductor EPR rubber insulated wire rated for use at 600 Volts and at temperatures up to 150°C.

The construction consists of flexible stranded, tin-coated annealed copper insulated with Ethylene Propylene Rubber (EPR).

This material is suitable for use as motor leads or for the internal wiring of appliances.

II. CONSTRUCTION DATA:

Southwire Stock Number	SIZE (AWG)	STRANDING	NOMINAL CONDUCTOR DIAMETER (MILS)	INSULATION MIN. AVG. WALL (MILS)	APPROX. OUTSIDE DIAMETER (MILS)	NOMINAL WEIGHT (LB/MFT)
570387XX	4/0	19X14/.0286"	785	95	785	827

A. CONDUCTOR:

Flexible stranded, tin-coated annealed copper conforming to Underwriters' Laboratories requirements, ASTM B-33, and ASTM B-172 or 173 or 174.

B. SEPARATOR:

A suitable separator is used over the conductor to facilitate stripping.

C. PRIMARY INSULATION:

Black Ethylene Propylene Rubber (EPR) conforming to Underwriters' Laboratories requirements for AWM Style 3340/3374.

D. PRINT LEGEND

"4/0 AWG RU AWM STYLES 3340/3374 125(D)C --- 150(D)C NON-FLEXING
 600 V. --- A.I.W. CORP. --- CSA TYPE CL 1254 125(D)C"