



APPLIANCE WIRING MATERIAL

Subj.758 Section 2 Page 21387

Issued:2004-09-09

Revised:2012-04-18

Style 21387 Multiple-conductor cable using non-integral jacket

Rating 90 deg C, 1000 Vac, Cable flame.

Conductor 26 AWG minimum. Solid or stranded.

Insulated Conductor Labeled or complying with the manufacturer's AWM Procedure.

Assembly Two or more individually insulated conductors or groups of insulated conductors cabled together to form a round cable. A flat or oval cable may also be constructed with not more than three rows of single conductors or groups of conductors. The length of lay of the twisted conductors or groups is not specified. Fillers may be used in a cable but are not required. A barrier layer, if employed, may be a fibrous wrap serving, or braid; paper; nylon; oriented polyethylene terephthalate; or thermoplastic-tape wrap. Such a barrier layer would serve to protect the cable during further processing and would be applied immediately over the twisted assembly of individual conductors or groups of conductors.

Covering Optional. Extruded TPE or other thermoplastic, 4 mils minimum thickness at any point, may be extruded over the conductor assembly or groups of conductors (with or without shields).

Shield Optional.

Jacket Extruded TPE.

<u>Dia of cable under jacket@</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
0.700 inch or less	45 mils	36 mils
0.701-1.000 inch	60 mils	48 mils
1.001-1.500 inch	80 mils	64 mils
1.501-2.500 inch	110 mils	88 min
2.500 inch and larger	140 mils	112 mils

@ - Major dia if cable is flat or oval

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring or external wiring.

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