



# Style 5048 - APPLIANCE WIRING MATERIAL

## APPLIANCE WIRING MATERIAL

Subj. 758  
Section 5  
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Style 5048                      Single conductor with other-than-extruded insulation.

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**RATING**                      105 deg C, 600 Vac.

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**CONDUCTOR**                22 AWG - 1 AWG, consisting 30 - 38 AWG strands, Same as Type ST cords except that rope lay stranding may be used in all conductor sizes. The length of lay of the individual strands comprising each concentric stranded member in a rope-lay conductor shall neither be less than 8 nor more than 16 times the overall diameter of the member. The length of lay of the individual strands comprising each bunch stranded member in a rope-lay conductor shall not be more than 30 times the overall diameter of the member.

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**INSULATION**                PET tape, 0.5 mil minimum thickness, applied with half lap between inner and outer closely woven PET fiber braids.

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**ASSEMBLY**

The maximum length of lay of members shall be as indicated below.

<b>Conductor size</b>	<b>maximum length of lay of members</b>
22-19 AWG	1.0 in
18-11 AWG	2.0 in
10-9 AWG	2.5 in
8-7 AWG	2.75 in
6-5 AWG	3.5 in
4-3 AWG	4.5 in
2-1 AWG	5.5 in.

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**STANDARD** Appliance Wiring Material UL 758.

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**MARKING** General.

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**USE** Wire within hermetic motors where the acceptability of the combination is to be determined by UL LLC.

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