

File E199379  
Project 98SC42763

November 4, 1998

REPORT

ON

COMPONENT - SLEEVING, MISCELLANEOUS

Raychem Corp.  
Menlo Park, California

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**DESCRIPTION**

Component - Sleeving, Miscellaneous. Heat Shrinkable polyethylene/polyester sleeving, produced with the following limitations:

<u>Cat. No.</u>	<u>Voltage</u>	<u>Temp (C)</u>	<u>ID Sizes</u>	<u>Colors</u>	<u>Flame Rating</u>	<u>Oil Rating</u>
HFT2000\$	NA	NA	12 mm	Black	Horizontal	No
HFT3000\$	NA	NA	9-60 mm	Black	Horizontal	No
HFT5000\$	NA	105	12-80 mm	Black	None	No

\$ - Overcoated with polyethylene copolymer.

NA - Not Applicable.

**MARKINGS:**

See Appendix A, Page 1 and Section General.

Additional Required Markings for HFT2000 and HFT3000:

Must be marked "Horizontal Flame" rated.

\***TECHNICAL** CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

\*Use - For use only in products where the acceptability of the combination is determined by **UL LLC**.

Sleeving is intended for use in air primarily as part of the internal wiring of electrical devices and appliances. It is not recommended for use where it is feasible to employ a standard insulated conductor intended specifically for the purpose.

Conditions of Acceptability - The following are among the considerations to be made in judging the use of the sleeving in an end product.

1. For use not over the maximum temperature rating, as applicable.
2. For use where not subjected to repeated flexing or severe mechanical stress. The sleeving has not been evaluated for resistance to other environment influences.
3. For use only in dry locations, as defined in the National Electrical Code.
4. The minimum wall thickness of sleeving shall comply with the requirements in this Report and of the end product.
5. HFT5000 does not comply with the Horizontal **Flame** or VW-1 Flame Tests.
6. Cat. No. HFT5000 shall not be used where subjected to flexing. Flexing after oven aging causes the sleeving seam to open.
7. Not for use as electrical insulation. No electrical testing has been conducted on this sleeving.
8. Cat. Nos. HFT2000 and HFT3000 only comply with the Horizontal Flame Test. No electrical testing has been conducted on these sleeving.