



07SC03842
E203950 - YDPU2/YDPU8

August 16, 2007

SHENZHEN WOER HEAT SHRINKABLE MATERIAL CO LTD.
Shenzhen, CHINA

Attention: Mr. Shao Dun He
Subject: Qualification of Flexible Heat Shrinkable Polyolefin tubing Cat. No.
RSFR(CB), rated 125C, 300V, All Colors Except Clear, VW-1 Flame; 0.60 to
12.5 mm recovered ID, Recover for 3 min. at 200C, UR and c-UR

Dear Mr. He:

NOTICE OF AUTHORIZATION TO APPLY THE UL RECOGNITION MARK

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

UL's investigation of your product has been completed under project number 07SC03842 and the product was determined to comply with the applicable requirements.

This fax temporarily supplements the UL Follow-Up Services Inspection Procedure and serves as authorization to apply the UL Recognized Marking only at the factories under UL's Follow-Up Service Program to the products which are constructed as described below:

Identical to Cat. No. RSFR(CB), as described above and in the attached Description pages which were submitted for this investigation. The UL Records covering the initial testing of this product can be found in the UL Follow-Up Services Inspection Procedure, File E203950, Volume 2, new Section 5.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products that bear the UL Recognition Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Recognition Mark may be withdrawn.

Very truly yours,

Reviewed by:

CELESTE CAPULONG (x 56567)
Project Handler
Conformity Assessment Services

ANDRE D. MIRON (x56549)
Staff Engineer
Conformity Assessment Services



DESCRIPTION

PRODUCT COVERED:

USR, CNR: Component - Extruded Electrical Tubing, Heat-Shrinkable Polyolefin Tubing, are Recognized with the following ratings:

Cat. No.	Colors	Recovered ID, mm	Temp. Rating, Deg. C	Voltage Rating, V	Flame Rating
RSFR(CB)	All colors except Clear	0.6 - 12.50	125	300	VW-1

USR: United States Standard Recognized.


CNR: Canadian National Standard Recognized.

GENERAL:

The tubing contained in this Report is constructed in accordance with the Bi-National Standard for Extruded Insulating Tubing, UL 224, Sixth Edition, and with the Canadian Standard for Insulating Tubing, CSA 22.2, No. 198.1, Second Edition.

MARKING:

Full Recognized company name, or File Number "E203950", catalog number, voltage rating, temperature rating in degrees C, inside diameter (before and after recovery) and date of manufacture shall be marked on tags attached to both ends of the tubing, on the shipping spool label, or on the smallest unit container.

The tag markings shall include the Recognized Component Mark for Canada, , in order to be considered UL Canadian Certified.

OPTIONAL MARKING:

May be marked "VW-1"

TECHNICAL CONSIDERATIONS: (Not for Field Representative's Use)

Use - For use only in products where the acceptability of the combination is determined by Underwriters Laboratories Inc. Tubing 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 -

1. Not for use in locations where subjected to mechanical tension or compression, exposure to ultraviolet rays or repeated flexing without further tests.
2. For use in dry and damp locations as defined in the National Electrical Code.
3. Not for use in contact with sharp bends, corners, projections, or burrs.
4. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to Underwriters Laboratories Inc.
5. The minimum wall thickness of the tubing shall comply with the requirements of this Description and of the end use product.

Recovery time and temperature:

Cat. No. RSFR(CB): 3 minutes at 200C air oven.

CONSTRUCTION DETAILS:

The tubing shall conform to the appropriate wall thickness and dimension table in UL 224 and to the following:

Cat. No.	Recovered ID, mm	Color	Material	Composition Formulation @
RSFR(CB)	0.6 - 12.5	All except Clear	Polyolefin	See Table I

@ - The tubing formula consists only of the materials stated in the table. No other materials are added such as plasticizers, anti-oxygen agents, etc., unless specified in the formula above.

Maximum Expansion Ratio:

Cat. No. RSFR-(CB) may be expanded up to a maximum of 261% of its original extruded diameter.