

UNDERWRITERS LABORATORIES INC.

FACTORY INSPECTION PROCEDURE

Subj. 758
Vol.

Section 5 Page 5076
This Page Effective

Issued: Jan. 28, 1966
Revised: Nov. 19, 1981

Style 5076 Asbestos - Insulated Wire for Heating Appliances.

Rating 150 °C or 200 °C, 300 V.

Conductor No. 24-14 AWG stranded or solid nickel, monel, copper silver coated copper, nickel-clad copper, or nickel-clad iron. Strands shall be not smaller than 36 AWG (for wires rated 200 °C, bare copper strands shall not be smaller than ~~26 AWG~~) and all strands shall be of the same size. Pages 20, and 26.

Insulation Class A asbestos, 30 mils min average 27 mils min thickness at any point, or Class A asbestos 25 mils min average plus Glass braid 5 mils min average with total of the two 30 mils, 27 mils min thickness at any point.

Tapes Optional - Cellulose acetate polyester (oriented polyethylene terephthalate) or TFE, "Teflon" tape applied between two layer of asbestos: each layer measuring approx half the total thickness of the asbestos insulation.

or
Optional - A layer of TFE, cellulose acetate, or polyester tape applied next to the conductor.

Covering Optional - Silicone Varnished glass braid or treated glass braid.

Standard Wires with asbestos or asbestos and varnished cloth or tape insulation (UL 115).

Instructions to Inspector Detailed examination.
Flame-Retardant Properties Test.

Northbrook (4) Detailed examination.
Counter-Check (4) Flexibility, Page 48.
Program (4) Flame-Retardant Properties Test.
(2) Dielectric Strength Test.

Marking General, Page 13.
Temperature marker, Pages 18, 19, 20.

Use Internal Wiring of Heating Appliances.

ES 9184 .025 wall 22AWG total nickel
ES 9420, all sizes

0047

SC-ELEC-04180