

G E N E R A LPRODUCT COVERED:

- Jacketed Cords: Types SVT, SVTO, SVTOO, SJT, SJTO, SJTOO, SJTW, SJTOW, SJTOOW, ST, STO, STOO, STW, STOW, STOOW
- \* Parallel Cords: Types SPT-1, SPT-2, SPT-3, NISPT-1, NISPT-2.
- Tinsel Cords: Type TPT
- Range and Dryer Cable: Type SRDT.

GENERAL CONSTRUCTION:

Except as noted elsewhere in this Procedure under the heading DESCRIPTION, the wire and cables described in this Procedure are constructed in accordance with the requirements of the Standard for Flexible Cord and Fixture Wire.

LISTING MARK COMPOSITION:**LISTED**

FLEXIBLE CORD

TEST EQUIPMENT PROVIDED BY MANUFACTURER:

As described in the Standard for Flexible Cord and Fixture Wire.

TESTS TO BE CONDUCTED BY MANUFACTURER:

As described in the Standard for Flexible Cord and Fixture Wire.

MARKING:

The wires described in this Procedure shall be marked in accordance with the requirements of the Standard for Flexible Cord and Fixture Wire except as modified elsewhere in this Procedure.

D E S C R I P T I O N

PRODUCT COVERED:

Types SVT, SVTO, SJT, SJTO, ST and STO Flexible Cord rated 60, 75, 90, or 105°C.

CONSTRUCTION DETAILS:

These cords have been examined and found to comply with the latest edition of Underwriters Laboratories Inc.'s Standard for Flexible Cord and Fixture Wire (UL 62).

OPTIONAL MARKINGS:

\* Types SJT, ST, SJTO and STO cords employing Recognized Component Polymeric Materials for Use in Wire and Cable (QMTT2) PVC 720 hour sunlight resistant jacket compounds may be employed for Outdoor Use as long as the cords are marked "W-A".

J.B.  
A.W.

D E S C R I P T I O NPRODUCT COVERED:

Flexible cord, shielded Types ST, SJT and SVT.

CONSTRUCTION DETAILS:

Conductor - Copper size in accordance with Standard for Flexible Cord and Fixture Wire.

Insulation - Insulation class and thickness in accordance with Standard for Flexible Cord and Fixture Wire for cord type and conductor size.

Fillers - Complies with Standard for Flexible Cord and Fixture Wires.

Core - Insulated conductor and fillers twisted together, length of lay of conductor complies with Standard for Flexible Cord and Fixture Wire.

Wrap - (Optional) Clear plastic tape, 1 mil thick, applied spirally over core assembly.

Shield Construction 1 - Aluminum polyester tape, or Nomex \*aluminum shield, 1.4 mil thick max, 1.0 in wide max with a 0.2 in max lap applied spirally over the conductor core. A drain wire consisting of a min of seven strands of No. 30 AWG copper may be employed.

Shield Construction 2 - Wire braid consisting of No. 36-32 AWG strands with a min physical coverage of the cable core of 85 percent. A drain wire employing a min of seven strands of min No. 30 AWG wire may be employed.

Shield Construction 3 - Any combination of shield constructions above.

Jacket - Insulation class and thickness in accordance with Standard for Flexible Cord and Fixture Wire for cord type and conductor size and number of conductors.

Optional Construction - A shield/jacket combination outlined above may be applied over the conductor core, or over a complete nonshielded Listed cord.

MARKING:

In addition to the items of marking required by the Standard for Flexible Cord and Fixture Wire, the tags attached to each coil or reel shall indicate that the material is shielded.

D.M.  
C.M.

## DESCRIPTION

## PRODUCT COVERED:

Types SVT, SVTO, SVTOO, SJT, SJTO, SJTOO, SJTW, SJTOW, SJTOOW, ST, STO, STOO, STW, STOW, and STOOW employing Classes 2.9, 2.11, 2.22, or 2.29 insulation and 1.7, 1.8, 1.16, or 1.19 jacket.

## CONSTRUCTION DETAILS:

These cords are constructed in accordance with the Standard for Flexible Cord, UL 62, and the following:

Insulation on "W" Types - Any Recognized Component (QMTT2) PVC compound acceptable for use on either wet location Flexible Cord or on an NEC Type with a "W" in its Type letter designation; or Unlisted Component (QMTT3 - File E219995) Class 2.9 insulation compound Feller 4533 UV in all colors applied as a skin over white 4533 UV insulation, \*or Class 2.11 insulation compound Feller 8031 HO in all colors applied as skin over white 8031 HO insulation. Resistivity Coefficient for 4533 UV and 8031 HO per UL 62 is 1.12.

Jacket on "W" Types - Any Recognized Component (QMTT2) PVC 720 hour sunlight resistant compound or Class 1.7 jacket compound Feller 4533 UV \*(all colors) or Class 1.8 jacket compound Feller 8031 HO (all colors).

## SHIELDING:

All of the cords covered above may be shielded in accordance with UL 62.

## MARKING:

These cords are marked in accordance with the Standard for Flexible Cord, UL 62.