

Specification for Test Procedure Reference

1. SCOPE

1.1 PURPOSE

This specification provides a reference to test procedures when a Raychem specification drawing (EPD or SCD) identifies no governing document or test procedure for the requirement(s) specified therein.

2. APPLICABLE DOCUMENTS

The following documents, of the issue in effect on date of invitation for bid or request for proposal, form a part of this specification to the extent specified herein.

2.1 RAYCHEM CORPORATION

Specification 44	Wire and Cable, Electric, Radiation-Crosslinked, Polyalkene-Insulated, Copper or Copper Alloy
WCD 3301	Radiation-Crosslinked, Flexible, Modified Polyolefin Jacketed Multiconductor Cables (Thermorad® F)

(Copies of Raychem documents may be obtained from Raychem Corporation, 300 Constitution Drive, Menlo Park, CA 94025.)

3. DEFINITIONS

This section defines terms, not defined elsewhere, that are used in this specification and referenced documents.

EPD, SCD – The Engineering Product Design (previously known as the Engineering Proposal Drawing) and the Specification Control Drawing. Both drawings describe a single wire or cable construction in one gauge size, a range of gauge sizes, or a combination of gauge sizes, and contain requirements for the product properties or tests.

4. PROCEDURE

When a Raychem EPD or SCD specifies property or test requirement(s), but no governing document or test procedure, the following shall apply:

4.1 PROCEDURE SELECTION

Requirement(s) specified on the EPD or SCD shall be considered quality conformance (acceptance) inspection(s) unless noted otherwise on the drawing, and shall be tested in accordance with the procedures of WCD 3301 for the specified examination(s) or test(s). Additional requirements of WCD 3301 shall not be invoked, and in case of conflict between WCD 3301 and the EPD or SCD, the latter shall take precedence. If WCD 3301 does not include a test procedure for a specified requirement, see 4.2 herein.

4.2 PROCEDURES NOT IN WCD 3301

This section shall contain references for test procedures not covered by WCD 3301. If a required test procedure is not found in WCD 3301, or in this section, contact the Technical Services Manager for resolution.

4.2.1 DC Shield Resistance

The Conductor Resistance test procedure of Raychem Specification 44 shall be used for measuring DC Shield Resistance.

4.2.2 Low Frequency Surface Transfer Impedance (dc to 100 kHz)

The Conductor Resistance test procedure of Raychem Specification 44 shall be used for measuring low frequency Surface Transfer Impedance in the range of dc to 100 kHz.

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