



***Society of Cable
Telecommunications
Engineers***

**ENGINEERING COMMITTEE
Interface Practices Subcommittee**

AMERICAN NATIONAL STANDARD

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**Test Method for
Aerial Cable Corrosion Protection Flow**

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1.0 SCOPE

- 1.1. This test is to determine that moisture blocking material used in cables intended for indoor and aerial applications, does not flow or drip out of the cable.

2.0 EQUIPMENT

- 2.1. Diagonal side cutting pliers or cable cutters.
- 2.2. Safety razor blade, utility knife or equivalent.
- 2.3. Absorbent paper towels
- 2.4. Temperature Indicator for $65^{\circ}\text{C} \pm 2^{\circ}$.
- 2.5. Circulating Air Oven with chamber size sufficient to accommodate a 12 inch long sample mounted vertically, and also with the capability of maintaining a set temperature of $65^{\circ}\text{C} \pm 2^{\circ}$ for a 24 hour period.
- 2.6. Clock
- 2.7. Clamps or supports to hold test specimen that will not restrict moisture-blocking material.

3.0 TEST SAMPLES

- 3.1. Cut 12 in. samples of cable to be tested.

4.0 PROCEDURE

- 4.1. Establish an oven temperature of $65^{\circ}\text{C} \pm 2^{\circ}$.
- 4.2. Suspend the three prepared cable samples in a vertical position inside the oven with an absorbent paper towel positioned underneath the sample on the chamber floor.
- 4.3. At the end of 24 hours, remove the equipment from the chamber, then examine.

5.0 INSPECTION

- 5.1. Examine the paper towel for any evidence of moisture blocking material. Any such evidence shall constitute a failure.

6.0 DOCUMENTATION

- 6.1. Record the results using the following form:

| | |
|-----------------|---------------|
| Date: | Organization: |
| Tester: | Location: |
| Oven Used: | |
| | |
| Cable Supplier: | Pass: |
| Part Number: | Fail: |
| | |
| Cable Supplier: | Pass: |
| Part Number: | Fail: |
| | |
| Cable Supplier: | Pass: |
| Part Number: | Fail: |