

# AirBorn

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<b>Document Description</b>	Packaging for Wire and Cable Containing Silver	<b>Pages</b>	1 of 2
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**REVISIONS TO THIS DOCUMENT REQUIRE CHANGES TO THE GLOVIA PURCHASE ORDER FORM AND WWW.AIRBORN.COM**

## 1. **DESCRIPTION:**

Packaging Requirements for Wire and Cable Containing Silver Plated Components.

## 2. **REQUIREMENTS:**

### 2.1. **AGE CONTROL:**

2.1.1. Upon receipt by AirBorn, elapsed time since date of manufacture (DOM) shall not exceed 2 years for affected materials unless permitted in writing by AirBorn.

2.1.2. Date of manufacturer is the date assigned by that items's manufacturer. Conductor manufacturers assign the DOM for conductor material. Wire and cable manufacturers (insulators) assign the DOM for wire and cable without regard for the age of the conductor material used. Harness subassembly manufacturers assign the DOM for harness subassemblies without regard for the age of the wire, cable, or conductor material used.

### 2.2. **PACKAGING:**

#### 2.2.1. **CONDUCTORS:**

2.2.2. Un-insulated conductors (including silver plated braid conforming to A-A-59569) received shall be packaged using vapor corrosion inhibitor (VCI) paper, or equivalent, and within MIL-DTL-117, Type I, Class E, Style 2 or MIL-DTL-117 Type I, Class F, Style 1 compliant bags containing desiccant.

2.2.3. Humidity indicator cards shall also be placed in the bag and monitored to determine if the desiccant should be replaced or exposure during transit. Reference MS20003-2.

2.2.4. Wood and/or Cardboard in spools is not permitted on un-insulated conductors.

#### 2.3. **WIRE AND CABLE:**

2.3.1. Wire and cable (shielded and unshielded) received shall be in a sealed package containing desiccant. Spools shall be non-metallic.

2.3.2. Bags shall be MIL-DTL-117, Type I, Class E, Style 2 or MIL-DTL-117 Type I, Class F, Style 1 compliant and heat sealed.

2.3.3. Humidity indicator cards shall also be placed in the bag and monitored to determine if the desiccant should be replaced or exposure during transit. Reference MS20003-2.

2.3.4. Continuous lengths of wire and cable shall have ends sealed using heat shrinkable caps or equivalent method for preventing unimpeded ingress of water (liquid and/or vapor). Reference military approved sealing tape per ASTM D5486 or non oil containing hot dip material Mil-P-23242B.

2.3.5. If non-continuous lengths are provided in larger quantities and placed on the same spool the following conditions shall apply and be met:

- Material must be from same lot number
- Material must be from same DOM
- All segmented ends must be visible with ends sealed using heat shrinkable caps or equivalent method for preventing unimpeded ingress of water.

2.3.6. If non-continuous lengths are provided in larger quantities, and placed on separate spools they shall be segregated (same lot number if applies) and placed on separate spools with ends sealed using heat shrinkable caps or equivalent method for preventing unimpeded ingress of water.

2.3.7. If non-continuous lengths are provided in larger quantities and NOT placed on spools, they may be packaged with multiple pieces in a single heat sealed bag in accordance with the requirements of 2.3.1, 2.3.2, 2.3.3 and 2.3.4.