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Installation Instruction IS-EN110589

Av-DEC Connector Sealing Kit

NOTE: Read this installation instruction completely before installation.

1. SCOPE

This instruction describes the method for installation of Av-DEC Connector Sealing Kit (part number EN110589-all dash numbers) for cold application on existing electrical connectors and harnesses for moisture sealing protection.

2. APPLICABLE DOCUMENTS

Aircraft maintenance manual, avionics installation manual, and/or user maintenance manual as applicable.

3. REQUIREMENTS

3.1 MATERIALS. Cleaning Solvent: Isopropyl alcohol or other approved cleaning solvent.

3.2 SURFACE PREPARATION. Surfaces that will come in contact with the StretchSeal Tape shall be free of dirt, oil, grease, and other contamination prior to tape installation. Residue of previously applied adhesives or sealants shall be removed. Clean connector and harness as required with clean cloth moistened with solvent.

3.3 INSTALLATION OF CONNECTOR SEALING KIT (EN110589).

3.3.1 Remove the StretchSeal Tape from the package and unroll a small length of tape, making sure that the tape remains free of dirt or other contaminants.

3.3.2 Begin wrapping the StretchSeal Tape over the area to be protected, with the tacky side contacting the area to be protected. Stretch the tape 25 to 50% to ensure good compression around the area to be protected.

3.3.3 Continue to wrap the StretchSeal Tape with a 50% overlap. A tight wrap is necessary to ensure a proper seal.

3.3.4 Coverage shall be from the base of the mated connector to at least ½" beyond the connector and onto the wire bundle or insulated jacket of the cable.

3.3.5 Cut off any excess StretchSeal Tape

3.3.6 Apply the provided cable ties or string ties immediately above and below the mated connector and the free end of tape.

4 MAINTENANCE. No special maintenance procedures required.

5 CONNECTOR SEALING KIT REMOVAL. Remove the cable ties or string ties from the sealing kit. Peel the StretchSeal Tape away from the harness. Unwrap the entire length of tape and discard. Use isopropyl alcohol or other approved cleaning solvent to remove any remaining residue.