3M Electronic Solutions Division

3M Austin Center
6801 River Place Blvd.
Austin, TX 78726-9000

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Valued Customer:

3M Electronic Solutions Division, Interconnection Solutions has recently discovered that certain 3M™ Round Conductor Flat Cables, 3749 Series (30 AWG, solid wire, 0.025" conductor pitch, thermoplastic elastomer (TPE) insulation, TS-0068) have a lower than normal amount of adhesion between the insulation and wire. The adhesion value between the insulation and wire is not a specified requirement of the cable, but a lower adhesion value may occasionally cause processing issues when the cable is being terminated to a connector.

3M Electronic Solutions Division is requesting that you return all potentially affected product. Accordingly, we are requesting that you review your stock for any 3749 Cable with the following specific lot date code: RC800-0 & RC801-0 ship dates of 1-19-10 to 3-15-10.

If you have any 3M™ Round Conductor Flat Cable, 3749 Series in your inventory with the specified lot date code, please return the product to 3M. Contact your Customer Account Analyst at 1-800-225-5373, with purchase order information or 3M invoice information to arrange return of these products. A Return Authorization Number and shipping instructions will be provided by the Customer Account Analyst and you will be provided a refund or replacement 3749 Cable, at your election.

3M has determined that this anomaly was isolated to the above noted lot. No other lots of 3749 Cable have exhibited the lower adhesion value.

The lower adhesion value of the cable should have no impact on the terminated connectors if the wires do not extend beyond the cut insulation or is recessed into the cut insulation. If a customer that has terminated connectors using potentially affected cable and they have any concerns, 3M suggests that the customer inspect the cable or terminated assembly for this extension or recession (typically more than 1 mm (0.040") of the wire relative to the cut end of the insulation on an assembly. Generally, any resulting issue related to the lower adhesion value will become apparent during the process of cutting the cable in assembly lengths, and the extension or recession of the wires relative to the insulation end will be evident during naked eye visual inspection. In addition, if the terminated connector passed electrical continuity testing, the terminated cable should perform as expected.

Again 3M apologizes for any inconvenience this causes you or your customers, but in an effort to fulfill the 3M brand promise, we are asking for the return of any material you may have in your stock.

Thank you for cooperation and understanding.

Mike Giesler
Business Manager 3M Electronic Solutions Division