



920 JR INDUSTRIAL DRIVE, SANFORD, NC 27332 - (919) 718-0000 PHONE

### Certificate of Conformance

Re: SCS Dri-Shield Series 3700 High Barrier Foil Moisture Barrier Bags

The SCS Dri-Shield Series 3700 High Barrier Foil Moisture Barrier Bags are not on the Mil-PRF-81705 Qualified Products Database, however, it meets the requirements of IPC/JEDEC J-STD-033. This item is made in compliance and meets our published specifications.

Dri-Shield Series 3700 MBB provides moisture protection with a Moisture Vapor Transmission Rate (MVTR)  $\leq 0.0003$  grams/100 sq. in./24 hrs tested per ASTM F1249 much superior to the IPC/JEDEC J-STD-033 requirement of  $\leq 0.002$  gm/100 in<sup>2</sup> in 24 hrs. at 40 °C. SCS has test data for this property for the Series 3700 after flex testing per condition "E" of ASTM F 392-93.

MIL-PRF-81705 is not a bag specification but rather "Barrier Materials, Flexible, Electrostatic Discharge Protective, Heat Sealable" that is a specification for film or laminate used to convert into bags. The United States government Department of Defense maintains a Defense Standardization Qualified Product Database. The Mil-PRF-81705 Qualified Products Database can be found online.

SCS notes on its product data sheets that "This product is intended for commercial use only. This product is not on the Qualified Product Listing under the Defense Standardization Program." The Mil-PRF-81705E has numerous requirements including a very distinctive large, continuous laminate film marking. The SCS moisture barrier bags do not have this military marking.

A handwritten signature in black ink that reads "Gene Felder".

Gene Felder  
Corporate Product Manger  
2016-01-26