

DOCUMENT NO: TM-600 SERIES	TITLE: Test Methods for Screens	PAGE: 1 of 1
APPLICATION:	REVISION: DRAFT	DATE: 1-19-07

PURPOSE: Establish methodology for verifying screen features.

SCOPE: This document is intended to be used in conjunction with the applicable ALMA International document(s) in which it is referenced. These referencing document(s) may contain general information not included in this document, but which applies to this document, thus it is not recommended to use this document outside of its intended context. In the event of conflict, information in this document supercedes information in the referencing document(s).

RESPONSIBILITY: ALMA International Component Standards Sub-Committee

RECORDS: This document will be maintained and kept on file by ALMA International. Measurement results shall be maintained by the entity performing the measurement.

RELATED DOCUMENTS:

ALMA International Nomenclature Prints (NP's)
ALMA International Dimensioning and Tolerancing Guidelines (DG's)
ALMA International Measurement Guidelines (MG's)
ASTM D 1117, Standard Guide for Evaluating Nonwoven Fabrics

- 1) **O.D. Size:** N/A
- 2) **Notch Location:** N/A
- 3) **O.D. Profile:** Place part on inspection Mylar, centering part manually within the tolerance zone. Inspect part periphery for overlap of either minimum or maximum zone indicator. Coverage of either line indicates out of tolerance condition.
- 4) **Thickness:** per ASTM D 5729 @ 6.9 kPa.
- 5) **Land Flatness:** Place part on a surface plate. Run a 3.00 mm feeler gage held flat on the plate around the periphery of the part. At no point shall the gage be able to be placed under the part peripheral land without disturbing the part's position.
- 6) **Material Mass per Unit Area (Basis Weight):** per ASTM D 3776 option C.
- 7) **Air Permeability:** per ASTM D 737 (@ 125 Pa).
- 8) **Flammability:** per Title 49 (Transportation) of the Code of Federal Regulations part 571.302/FMVSS 302 TP-302
- 9) **(Mullen) Burst Strength:** per ASTM D 3786.
- 10) **Thermal Shrink:** per ASTM D 4974.

Revision History

Rev Level	Description of Change	Prepared/ Changed By/ Date	Approved By/ Date
DRAFT	Initial submission for review	Greg Seidel Brian Sterling 1-19-07	