

HURRICANE ENGINEERING & TESTING INC.

Computer Controlled Product Testing & Design,
.....Wind Load Analysis

Tensile Test

March 11, 2004

REPORT NUMBER: HETI-04-T109

MANUFACTURER: Wayne-Dalton Corporation.
3395 Addison Dr., Pensacola FL 32514

TEST LOCATION: Hurricane Engineering & Testing Inc.
6120 NW 97 AVE, Miami, FL 33178

PRODUCT: Manual Pull Rollup Curtain Shutter.

REFERENCE TEST: Report Numbers: HETI-04-1368, HETI-04-1369

SOURCE ID: **PVC Coated Woven Polyester Fabric**

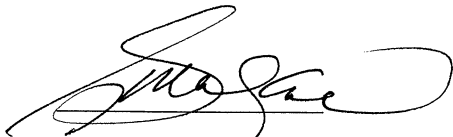
TENSILE TEST EQUIP.: ACCUTEK


COMMENT: Tested as per ASTM E 8-01e1.

Test Results

Sample No.	Width (inch)	Thickness (inch)	Area (in ²)	Ultimate Load (lbs)	Ultimate Stress (psi)	Yield Stress (psi)	Elongation (%)
1	0.484	0.039	0.018876	234	12397	1642	41
2	0.484	0.039	0.018876	169	8953	1589	44
3	0.484	0.039	0.018876	282	14940	2013	42
4	0.484	0.039	0.018876	337	17853	2119	42
5	0.484	0.039	0.018876	170	9006	1642	45
Average				238	12630	1801	43

Samples collected from test sample in above referenced test reports.


Syed Waqar Ali, Ph. D.
President


Rafael E. Droz-Seda, P.E.
Resident Engineer
5/11/04