

# HURRICANE ENGINEERING & TESTING INC.



ISO 17025 Accredited Computer Controlled Product Testing  
Wind Load Design, Analysis & Evaluation



## Tensile Test

April 6, 2015

REPORT NUMBER: **HETI-15-T305**

MANUFACTURER: PROJECT CLASSIC STRUCTURAL ENGINEERING  
7318 Texas Trail, Boca Raton, Florida 33487.

TEST LOCATION: Hurricane Engineering & Testing Inc.  
6120 NW 97<sup>th</sup> Avenue, Doral, Florida, 33178

NOTIFICATION NUMBER: HETI14025 (MIAMI-DADE COUNTY, FLORIDA)  
LAB. CERTIFICATION No.: 10-1117.07 (MIAMI-DADE COUNTY, FLORIDA)  
IAS. CERTIFICATION No.: TL-296 (ISO 17025-05)  
FBC ORGANIZATION No: TST1691  
FBPE Certificate of Authorization Number: 6905

PRODUCT: 18 Gage Corrugated Galvanized Steel.  
MATERIAL: Corrugated Galvanized Steel with a 0.04768" Nominal Thickness  
TENSILE TEST EQUIP.: Universal Testing Machine CMT5105 HETI-0887.  
COMMENT: Tested as per ASTM E 8-13a


### Test Results


Sample (No)	Width (inches)	Thickness (inches)	Area (in <sup>2</sup> )	Ultimate Load (lbs)	Ultimate Stress (psi)	Yield Stress (psi)	Elongation (%)
1	0.511	0.0458	0.0234038	1583.31	67652	59500	36.58
2	0.511	0.0458	0.0234038	1585.11	67729	59500	36.96
3	0.511	0.0458	0.0234038	1594.92	68148	59000	38.62
4	0.511	0.0458	0.0234038	1587.20	67818	59500	38.44
5	0.511	0.0458	0.0234038	1601.76	68440	61500	41.64
<b>Average</b>				<b>1590</b>	<b>68000</b>	<b>60000</b>	<b>38.45</b>

Galvanizing coat thickness of 0.001885" was subtracted from the total thickness.

### STATEMENT OF INDEPENDENCE

*The Hurricane Engineering & Testing, Inc., does not have, nor does it intend to acquire or will acquire, a financial interest in any company manufacturing or distributing products tested or labeled by the Hurricane Engineering & Testing, Inc. Hurricane Engineering & Testing, Inc., is not owned, operated or controlled by any company manufacturing or distributing products it test or labels.*

  
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