



# GATEWAY

## MATERIALS TEST CENTER

### Test Report for Breaking Strength and Elongation of Textile Fabric

Damage Prevention Solutions, LLC  
660 Hunters Place, Ste 202  
Charlottesville, VA 22911

1-800-254-8718

March 31<sup>th</sup>, 2021

PO: NA  
WO: W-1756

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## Record of Revision

Revision Level	Description	Date	Approved:
IR	Initial Release	3/30/2021	MC
1	Name and Address of Client Updated	3/31/2021	JT

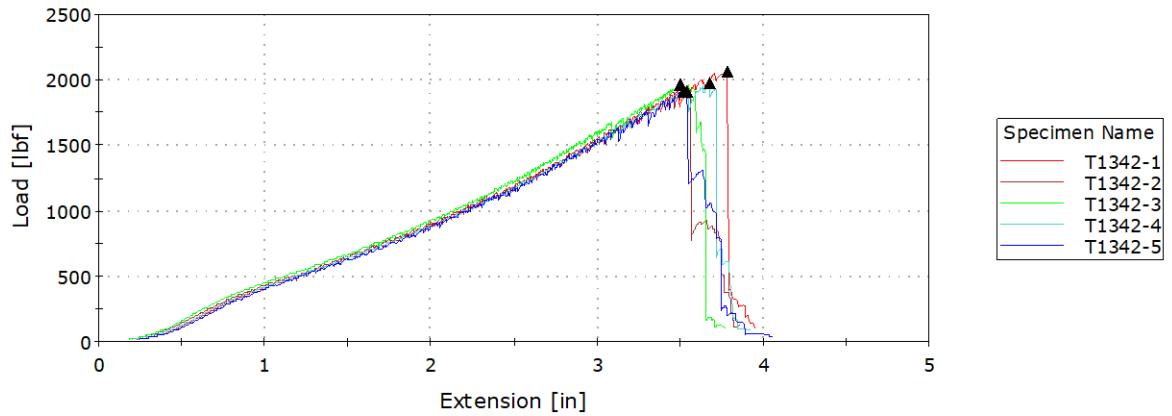
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## Sample T1342 (HL-P1800W) Test Information and Results

Client	Damage Prevention Solutions, LLC
Work Order Number	W-1756
GMTC Traveler Number	T1342
Customer Sample ID	HL-P1800W
Operator	Safwat
Associated Standard	ASTM D6775-13
Method description	Webbing strength and elongation is determined by pulling material in tension using split-drum clamps
Test type	Tension
Control mode	Extension
Rate	3.00 in/min
System of units	US Customary
Material Information	5/8" Polyester Webbing
Elongation Measured by	Crosshead Extension
Last test date	Friday, March 26, 2021
Load Frame	3384 (1107)
Load Frame Calibration Due Date	5/17/2021
Load Cell	150 kN (2699)
Load Cell Calibration Due Date	4/21/2021
Temperature (F)	72
Humidity (%)	45
Sample Notes	No test abnormalities
Deviations from Standard	None

### Specimen 1 to 5

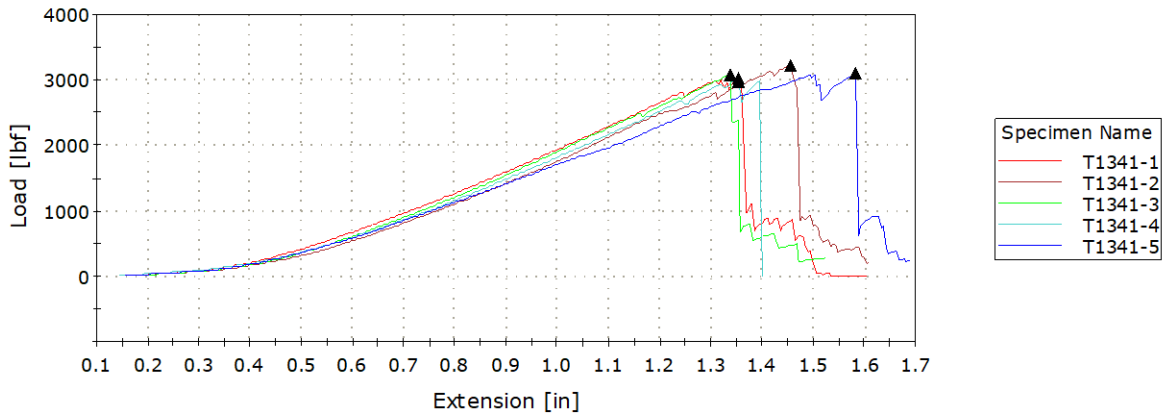


Specimen label	Maximum Load [lbf]	Elongation at Maximum Load [%]
T1342-1	2,068.50	67.96
T1342-2	1,910.44	64.32
T1342-3	1,966.25	64.02
T1342-4	1,978.87	66.63
T1342-5	1,916.64	62.90
Mean	<b>1,968.14</b>	<b>65.17</b>
Standard deviation	63.59	2.07
Coefficient of variation	3.23	3.17

## Sample T1341 (HL-A3000W) Test Information and Results

Client	Damage Prevention Solutions, LLC
Work Order Number	W-1756
GMTC Traveler Number	T1341
Customer Sample ID	HL-A3000W
Operator	Safwat
Associated Standard	ASTM D6775-13
Method description	Webbing strength and elongation is determined by pulling material in tension using split-drum clamps
Test type	Tension
Control mode	Extension
Rate	3.00 in/min
System of units	US Customary
Material Information	1/2" Aramid Webbing
Elongation Measured by	Crosshead Extension
Last test date	Friday, March 26, 2021
Load Frame	3384 (1107)
Load Frame Calibration Due Date	5/17/2021
Load Cell	150 kN (2699)
Load Cell Calibration Due Date	4/21/2021
Temperature (F)	72
Humidity (%)	45
Sample Notes	No test abnormalities
Deviations from Standard	None

### Specimen 1 to 5



Specimen label	Maximum Load [lbf]	Elongation at Maximum Load [%]
T1341-1	3,038.83	23.28
T1341-2	3,223.99	24.86
T1341-3	3,075.21	22.53
T1341-4	2,982.92	23.52
T1341-5	<b>3,092.47</b>	<b>27.63</b>
Mean	3,082.68	24.36
Standard deviation	89.44	2.01
Coefficient of variation	2.90	8.26

The reported results apply only to the items tested. Gateway Materials Test Center does not perform sampling, therefore all results detailed in this report apply to the sample as received. Any information supplied by the customer can influence the validity of the results. The GMTC is responsible for all other information provided in this report. GMTC follows validated industrial test methods in all testing and reports the method or specification followed in the test. Deviations from standard will be noted.