



**LABORATORY TEST REPORT
LB 39-20**

**THIS TEST REPORT DOES NOT CONSTITUTE APPROVAL OR DISAPPROVAL OF THE
EQUIPMENT, METHOD OR MATERIAL TESTED**

Date: August 11, 2020

Report For: CargoTuff, LLC
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Test Specimens: Level 1 Polyethylene Pneumatic Dunnage Bags

Test Procedure: (Extracted from General Information Bulletin No. 9, *Product Performance Profile for Pneumatic Dunnage*.)

2.4 Performance Measures

2.4.1 Level 1, Pneumatic Dunnage as Lateral Void Fillers and/or Load Securement in Certain Intermodal Applications

Part A, Leak Test:

Ten samples shall be inflated to 2.5 psig in a 12" void and remain thus for 19 days. Record the temperature and barometric pressure at the start and end of the test.

After 19 days pneumatic dunnage must retain a minimum of 1.5 psig, and the gauge pressure standard deviation of the 10 samples must not be greater than 0.15.

Part B, Burst Test:

Five random samples from Part A shall be inflated to 8 psig in a 12" void. The bag must maintain 8 psig for one minute.

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The report must include initial and final gauge pressure measurements for the entire 19 day period for *Part A* and also the results of testing for *Part B*. The report must also relate the ambient temperature and relative humidity for the entire testing period.

Table 1 - Level 1

Inflation	Dates	Temperature (°F)	Relative Humidity	Average Barometric Pressure (inHg)	
Start Date	07-23-2020	79.97	32.3%	25.01	
End Date	08-11-2020	81.71	25.1%	25.04	
Sample #	Part A Leak Test	Part B Burst Test	Sample #	Part A Leak Test	Part B Burst Test
1	2.1		6	2.1	Passed
2	2.1	Passed	7	2.1	
3	2.1		8	2.1	Passed
4	2.1	Passed	9	2.1	
5	2.1		10	2.1	Passed

Standard Deviation for Part A = .000

Conclusion: All ten samples submitted met the requirements set forth in General Information Bulletin No. 9, *Product Performance Profile for Pneumatic Dunnage*.

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Photo 1: Inflation Valve



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