



## LABORATORY TEST REPORT LB 69-23

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

Date: September 19, 2023

**Report For: Dunnage Bag Private Limited**

Plot No. 157/4, G.I.D.C. Industrial Estate, Phase-II, Bharuch, Gujarat, India-392015

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**Test Specimens:** Level 1 Woven Polypropylene Polyethylene 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	Barometric Pressure (inHg)	
Start Date	8-31-2023	82.29	30%	25.31	
End Date	9-19-2023	79.08	25.1%	25.29	
Sample #	Part A Leak Test	Part B Burst Test	Sample #	Part A Leak Test	Part B Burst Test
1	2.1	Passed	6	2.2	
2	2.1		7	2.2	Passed
3	2.2	Passed	8	2.2	
4	2.3		9	2.2	Passed
5	2.3	Passed	10	2.2	

Standard Deviation for Part A = 0.066

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

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Damage Prevention Specialist  
Damage Prevention Engineering

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**Photo 1:** Inflation Valve



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