

*“Dunnage Bags Specialists”*

# Specification Sheet: 90X150 Medium

**CONSTRUCTION: 2-PLY**

- 1 x Polyethylene
- 2 x Wet Strength Kraft Paper
- High Flow Valve

**SIZE:**

- Height: 150 CM
- Width: 90 CM
- Tolerance: 3.5%

**STRENGTH:**

- Working pressure: 0,2 BAR or 20 KPA or 2,9 PSI
- Bursting pressure: 0,6 BAR or 60 KPA or 8,7 PSI
- Safety factor: 3

**WORKING EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:**

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	10125 CM <sup>2</sup>	2025 KGS
30 CM	8100 CM <sup>2</sup>	1620 KGS
40 CM	4725 CM <sup>2</sup>	945 KGS

**MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:**

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	10125 CM <sup>2</sup>	9113 KGS
30 CM	8100 CM <sup>2</sup>	4860 KGS
40 CM	4725 CM <sup>2</sup>	2126 KGS

The effective force depends on the size of the dunnage bag and the gap between the cargos. The table above indicates the load that the various sizes of airbags can withstand in a gap of 20, 30 and 40 CM. As an example, in gap of 20 CM a 90 X 150 MEDIUM dunnage bag can withstand loads up to 9113 KGS.

In case of any questions do not hesitate to contact us.