

*“Dunnage Bags Specialists”*

# Specification Sheet: 90X120 Heavy

**CONSTRUCTION: 4-PLY**

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

**SIZE:**

- Height: 120 CM
- Width: 90 CM
- Tolerance: 3.5%

**STRENGTH:**

- Working pressure: 0,4 BAR or 40 KPA or 5,8 PSI
- Bursting pressure: 1,2 BAR or 120 KPA or 17,4 PSI
- Safety factor: 3

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

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	8100 CM <sup>2</sup>	3240 KGS
30 CM	6500 CM <sup>2</sup>	2600 KGS
40 CM	3800 CM <sup>2</sup>	1520 KGS

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

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	8100 CM <sup>2</sup>	12960 KGS
30 CM	6500 CM <sup>2</sup>	6500 KGS
40 CM	3800 CM <sup>2</sup>	3040 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 120 HEAVY dunnage bag can withstand loads up to 12960 KGS.

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