

*“Dunnage Bags Specialists”*

# Specification Sheet

## 90X210 Heavy

**CONSTRUCTION: 4-PLY**

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

**SIZE:**

- Height: 210 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	14175 CM <sup>2</sup>	5670 KGS
30 CM	11340 CM <sup>2</sup>	4536 KGS
40 CM	6615 CM <sup>2</sup>	2646 KGS

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

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	14175 CM <sup>2</sup>	22680 KGS
30 CM	11340 CM <sup>2</sup>	11340 KGS
40 CM	6615 CM <sup>2</sup>	5292 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 210 HEAVY dunnage bag can withstand loads up to 22680 KGS.

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