

*“Dunnage Bags Specialists”*

# Specification Sheet: 90X210 Light

**CONSTRUCTION: 1-PLY**

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

**SIZE:**

- Height: 210 CM
- Width: 90 CM
- Tolerance: 3.5%

**STRENGTH:**

- Working pressure: 0,1 BAR lub 10 KPA lub 1,45 PSI
- Bursting pressure: 0,3 BAR lub 30 KPA lub 4,35 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>	1417 KGS
30 CM	11340 CM <sup>2</sup>	1134 KGS
40 CM	6615 CM <sup>2</sup>	661 KGS

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

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	14175 CM <sup>2</sup>	6379 KGS
30 CM	11340 CM <sup>2</sup>	3402 KGS
40 CM	6615 CM <sup>2</sup>	1488 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 LIGHT dunnage bag can withstand loads up to 6379 KGS.

We are waiting for your inquiries!