

*“Dunnage Bags Specialists”***E: office@ysm.com.pl**  
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# Specification Sheet 90X180 Heavy-Duty

**CONSTRUCTION: 6-PLY**

- 1 x Polyethylene
- 6 x Wet Strength Kraft Paper

**SIZE:**

- Height: 180 CM
- Width: 90 CM
- Tolerance: 3.5%

**STRENGTH:**

- Working pressure: 0,6 BAR or 60 KPA or 8,7 PSI
- Bursting pressure: 1,8 BAR or 180 KPA or 26,1 PSI
- Safety factor: 3

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

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	12200 CM <sup>2</sup>	7320 KGS
30 CM	9500 CM <sup>2</sup>	5700 KGS
40 CM	5500 CM <sup>2</sup>	3300 KGS

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

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	12200 CM <sup>2</sup>	31720 KGS
30 CM	9500 CM <sup>2</sup>	16150 KGS
40 CM	5500 CM <sup>2</sup>	5500 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 180 HEAVY-DUTY dunnage bag can withstand loads up to 31720 KGS.

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