

*“Dunnage Bags Specialists”***E: office@ysm.com.pl**
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Specification Sheet 90X210 Heavy-Duty

CONSTRUCTION: 6-PLY

- 1 x Polyethylene
- 6 x Wet Strength Kraft Paper

SIZE:

- Height: 210 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	14175 CM ²	8505 KGS
30 CM	11340 CM ²	6804 KGS
40 CM	6615 CM ²	3969 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	14175 CM ²	36855 KGS
30 CM	11340 CM ²	19278 KGS
40 CM	6615 CM ²	6615 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-DUTY dunnage bag can withstand loads up to 36855 KGS.

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