

*“Dunnage Bags Specialists”***E: office@ysm.com.pl**
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Specification Sheet: 90X120 Heavy-Duty

CONSTRUCTION: 6-PLY

- 1 x Polyethylene
- 6 x Wet Strength Kraft Paper

SIZE:

- Height: 120 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	8100 CM ²	4860 KGS
30 CM	6500 CM ²	3900 KGS
40 CM	3800 CM ²	2280 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	8100 CM ²	21060 KGS
30 CM	6500 CM ²	11050 KGS
40 CM	3800 CM ²	3800 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-DUTY dunnage bag can withstand loads up to 21060 KGS.

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