

*“Dunnage Bags Specialists”***E: office@ysm.com.pl**
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Specification Sheet: 120X240 PP Level 1

CONSTRUCTION:

- 1 x Polyethylene Inner Bag
- 1 x Woven Polypropylene Outer Layer
- High Flow Valve

SIZE:

- Height: 240 CM
- Width: 120 CM
- Tolerance: 3.5%

STRENGTH:

- Working pressure: 0,2 BAR or 20 KPA or 2,9 PSI
- Bursting pressure: 0,6 BAR or 60 KPA or 8,7 PSI at 20 CM void
- Safety factor: 3

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

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	21600 CM ²	4320 KGS
30 CM	17280 CM ²	3456 KGS
40 CM	10080 CM ²	2016 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	21600 CM ²	12960 KGS
30 CM	17280 CM ²	7760 KGS
40 CM	10080 CM ²	3528 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 120X240 PP Level 1 dunnage bag will burst at nominal 12960 KGS.

We are waiting for your inquiries!