

“Dunnage Bags Specialists”

Specification Sheet: 120X180 PP Level 1

CONSTRUCTION:

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

SIZE:

- Height: 180 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	16200 CM ²	3240 KGS
30 CM	12960 CM ²	2600 KGS
40 CM	7560 CM ²	1512 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	16200 CM ²	9720 KGS
30 CM	12960 CM ²	5832 KGS
40 CM	7560 CM ²	2646 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 120X180 PP Level 1 dunnage bag will burst at nominal 9720 KGS.

We are waiting for your inquiries!