

“Dunnage Bags Specialists”

Specification Sheet: 90X180 PP Level 1

CONSTRUCTION:

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

SIZE:

- Height: 180 CM
- Width: 90 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 30 CM void
- Safety factor: 3

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

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	12200 CM ²	2440 KGS
30 CM	9500 CM ²	1900 KGS
40 CM	5500 CM ²	1100 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	12200 CM ²	10900 KGS
30 CM	9500 CM ²	5800 KGS
40 CM	5500 CM ²	2550 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 90X180 PP Level 1 dunnage bag can withstand loads up to 10900 KGS.

We are waiting for your inquiries!