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"Dunnage Bags Specialists"

Specification Sheet: 90X90 PP Level 1



CONSTRUCTION:

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

SIZE:

- Height: 90 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 20 CM void
- Safety factor: 3

WORKING EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	6075 CM^2	1215 KGS
30 CM	4860 CM^2	972 KGS
40 CM	2835 CM^2	567 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	6075 CM^2	3645 KGS
30 CM	4860 CM^2	2187 KGS
40 CM	2835 CM^2	992 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 90X90 PP Level 1 dunnage bag will burst at nominal 3645 KGS.

We are waiting for your inquiries!