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"Dunnage Bags Specialists"

Specification Sheet: 90X120 Medium



CONSTRUCTION: 2-PLY

- 1 x Polyethylene
- 2 x Wet Strength Kraft Paper
- High Flow Valve

SIZE:

- Height: 120 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	8100 CM^2	1620 KGS
30 CM	6480 CM^2	1296 KGS
40 CM	3780 CM^2	756 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	8100 CM^2	4860 KGS
30 CM	6480 CM^2	2916 KGS
40 CM	3780 CM^2	1323 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 MEDIUM dunnage bag will burst at nominal 4860 KGS.

We are waiting for your inquiries!