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"Dunnage Bags Specialists"

Specification Sheet: 90X210 Medium



CONSTRUCTION: 2-PLY

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

SIZE:

- Height: 210 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	14175 CM^2	2835 KGS
30 CM	11340 CM^2	2268 KGS
40 CM	6615 CM^2	1323 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	14175 CM^2	8505 KGS
30 CM	11340 CM^2	5103 KGS
40 CM	6615 CM^2	2315 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 210 MEDIUM dunnage bag will burst at nominal 8505 KGS.

In case of any questions do not hesitate to contact us.