YSM+Partners

"Dunnage Bags Specialists"

Specification Sheet: 90X150 Heavy

CONSTRUCTION: 4-PLY

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

SIZE:

- Height: 150 CM
- Width: 90 CM
- Tolerance: 3.5%

STRENGTH:

- Working pressure: 0,4 BAR or 40 KPA or 5,8 PSI
- Bursting pressure: 1,2 BAR or 120 KPA or 17,4 PSI
- Safety factor: 3

WORKING EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	10125 CM ²	4050 KGS
30 CM	8100 CM ²	3240 KGS
40 CM	4725 CM ²	1890 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

CONTACT SURFACE	FORCE AT BURSTING PRESSURE
10125 CM ²	16200 KGS
8100 CM ²	8100 KGS
4725 CM ²	3780 KGS
	CONTACT SURFACE 10125 CM ² 8100 CM ² 4725 CM ²

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 150 HEAVY dunnage bag can withstand loads up to 16200 KGS.

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

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