YSM+Partners

"Dunnage Bags Specialists"

Specification Sheet: 90X120 Heavy

CONSTRUCTION: 4-PLY

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

SIZE:

- Height: 120 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 | 8100 CM ² | 3240 KGS |
| 30 CM | 6500 CM ² | 2600 KGS |
| 40 CM | 3800 CM ² | 1520 KGS |

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

| GAP | CONTACT SURFACE | FORCE AT BURSTING PRESSURE |
|-------|----------------------|-------------------------------|
| 20 CM | 8100 CM ² | 12960 KGS |
| 30 CM | 6500 CM ² | 6500 KGS |
| 40 CM | 3800 CM ² | 3040 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 HEAVY dunnage bag can withstand loads up to 12960 KGS.

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

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