

*“Dunnage Bags Specialists”***E: office@ysm.com.pl**
W: www.ysm.com.pl

Specification Sheet: 90X150 Heavy

CONSTRUCTION: 4-PLY

- 1 x Polyethylene
- 4 x Wet Strength Kraft Paper

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:

| GAP | CONTACT SURFACE | FORCE AT BURSTING PRESSURE |
|-------|-----------------------|----------------------------|
| 20 CM | 10125 CM ² | 16200 KGS |
| 30 CM | 8100 CM ² | 8100 KGS |
| 40 CM | 4725 CM ² | 3780 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 150 HEAVY dunnage bag can withstand loads up to 16200 KGS.

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