

*“Dunnage Bags Specialists”***E: office@ysm.com.pl**
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Specification Sheet: 90X180 Light

CONSTRUCTION: 1-PLY

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

SIZE:

- Height: 180 CM
- Width: 90 CM
- Tolerance: 3.5%

STRENGTH:

- Working pressure: 0,1 BAR lub 10 KPA lub 1,45 PSI
- Bursting pressure: 0,3 BAR lub 30 KPA lub 4,35 PSI
- Safety factor: 3

**WORKING EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:**

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	12200 CM ²	1220 KGS
30 CM	9500 CM ²	950 KGS
40 CM	5500 CM ²	550 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	12200 CM ²	5490 KGS
30 CM	9500 CM ²	2850 KGS
40 CM	5500 CM ²	1237 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 180 LIGHT dunnage bag can withstand loads up to 5490 KGS.

We are waiting for your inquiries!