

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

Specification Sheet: 90X210 PP Level 1

CONSTRUCTION:

- 1 x Polyethylene Inner Bag
- 1 x Woven Polypropylene Outer Layer
- 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 30 CM void
- Safety factor: 3

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

GAP	CONTACT SURFACE	FORCE AT WORKING PRESSURE
20 CM	14100 CM ²	2835 KGS
30 CM	11300 CM ²	2268 KGS
40 CM	6610 CM ²	1323 KGS

MAXIMUM EFFECTIVE FORCE BEING EXERCISED AGAINST CARGO IN KGS:

GAP	CONTACT SURFACE	FORCE AT BURSTING PRESSURE
20 CM	14100 CM ²	12757 KGS
30 CM	11300 CM ²	6804 KGS
40 CM	6610 CM ²	2976 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 90X210 PP Level 1 dunnage bag can withstand loads up to 112757 KGS.

We are waiting for your inquiries!