

Data Sheet

AIRDRAW 2

Embossed vacuum bag designed for rapid air removal

DESCRIPTION

Airdraw 2 vacuum bagging film is embossed with a "cracked ice" pattern which allows for rapid air removal when placed under vacuum. The film has been formulated to provide increased stiffness to assist in maintaining a breathable pattern.

Airdraw 2 is not affected by environmental conditions and will not soften in high humidity, allowing superior breathability. It is designed primarily for ply compaction with the added benefits of not requiring a breather. It is embossed from one side of the film, under close examination; the film has a flat side and a raised side. The outer surface of the roll is the raised side. For best results, place the raised side against the part surface on top of a perforated release film.

BENEFITS

- Embossed pattern provides network of air passageways, eliminating need for separate layer of breather.
- Improved stiffer formula keeps air path open resulting in better vacuum levels, faster.
- Wide width makes compacting large parts even faster with no seams required.

TECHNICAL DATA

		Test method
Material type	Polyamide compound	
Elongation at break	450 %	ASTM D 882
Tensile strength	55 MPa	ASTM D 882
Maximum use temperature	121°C	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Phenolic resins/Strong oxidizers	
Colour	Pink	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Length	Weight/Roll	Forms Available *
75 µm (0,003 inch)	1,52 m (60 inches)	198 m (650 feet)	27 kg (60 lbs)	SHT
75 µm (0,003 inch)	3,05 m (120 inches)	198 m (650 feet)	54 kg (119 lbs)	SHT
75 µm (0,003 inch)	3,81 m (150 inches)	198 m (650 feet)	70,6 kg (156 lbs)	SHT

- Custom shapes and sizes are available, please contact Airtech for more information.

* SHT = sheeting

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Watch a demo video of Airdraw 2 in the "Media Centre" on our website.