

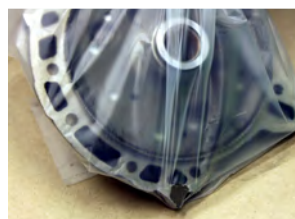
BOSELON[®] 601

Characteristics

1. Boselon 601 has superior physical strength due to its multi-layer construction. Therefore, Boselon 601 better resists punctures and tearing during transportation compared to conventional VCI films. Furthermore, as the film is rigid and maintains its shape, productivity increases when using Boselon 601 gusset and square bottom bags are used.
2. The film is much more durable compared to other films having similar thickness. Therefore thinner Boselon 601 films can be used to reduce both the cost and waste while maintaining performance.
3. VCI additives engineered to protect both ferrous and non-ferrous are utilized.
4. No harmful gases or by-products are emitted when the film is incinerated, and the film can be recycled like conventional polyethylene films.



Strength comparison



BOSELON[®]601 Bag

General PE Bag

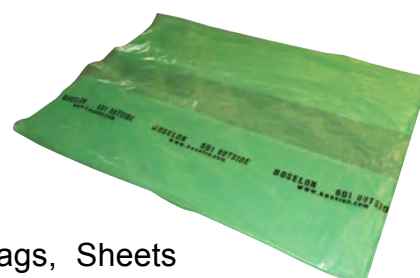
Product Specifications

Colour : Translucent Emerald Green

Available Sizes : Thickness 60, 80, 100µm

Width 1000~3000mm Tube Rolls

Options : Perforation, Gusseted Bags, Sheets



Film Properties

Item	Unit	Value	Test Method
Thickness	μm (mil)	100 (3.94)	ASTM D645
Maximum Tensile Load	MD	N (lbf)	34 (7.6)
	TD		31 (7.0)
Tensile Strength	MD	N/mm ² (psi)	23 (3300)
	TD		21 (3100)
Elongation at Break	MD	%	970
	TD		1100
Fracture Energy	MD	J (ft·lbf)	14 (19)
	TD		15 (20)
Tensile Modulus	MD	N/mm ² (psi)	450 (65000)
	TD		620 (90000)
Tear Strength (Elemendarf)	MD	N (lbf)	11 (2.47)
	TD		24 (5.40)
Dart Impact Strength	MD	g (oz)	510 (18.0)
Puncture Resistance	—	J (ft·lbf)	1.9 (2.6)
Piercing Strength	—	N (lbf)	4.1 (0.92)

*) MD:Machine Direction TD:Transverse Direction

Corrosion Inhibiting Effects

Testing Condition / Metal sample	Fc	Fe	Zn	Al	Cu
Cycle Test 25°C75%~50°C95% , 2 Weeks	○	◎	◎	○	○

Handling and Storage

- 1) Select the appropriate Boselon grade based on the type of metal and the condition and length of time the metal is to be packaged.
- 2) Make certain the surface without printing faces inwards.
- 3) Use the Boselon film promptly after opening.
- 4) VCI chemicals deplete over time. Store in cool temperatures away from direct exposure to sunlight.
- 5) Boselon film that is over 3 years old should not be used without consulting an Aicello sales representative.
- 6) Boselon should not be used for purposes other than corrosion inhibiting packaging.
- 7) Boselon should not be placed over the head or ingested.
- 8) If Boselon comes in direct contact with the eye, wash affected area with water and consult a physician.
- 9) VCI additives in Boselon 601 are non-toxic. For copies of the MSDS, please request from your sales representative.

[Inquiries]

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