



Construction Overview

42µ Metallised compostable face material aligned to the BioTAK® XS102 biodegradable and compostable adhesive.

This Metallised compostable face material has been formulated for enhanced print and conversion receptivity and is certified for home and industrial compostability.

Properties

- Semi Permeable to moisture
- Inherent anti static properties
- Based on renewable resources

Applications

- Food Packaging Labels
- Labels for biodegradable containers

Printability

- Flexographic
- Offset

CF03

CF03 is a metallic compostable film based on renewable resources. This film is certified as compostable in both industrial and home composting environments, also suitable for anaerobic digestion. However it is not designed for mechanical recycling.

Typical Properties*

Thickness		42μ ± 5%
	MD	TD
Tensile Strength	MN/m ²	125 70
Elongation at Break %		22 70
Biomass Content (total)		88%
Biobased Carbon Content (¹⁴ C)		94-96%

BioTAK® XS102

BioTAK® XS102 adhesive is a biodegradable / compostable acrylic pressure sensitive adhesive.

It is permanently tacky when dry and is suitable for a variety of label and tape applications. The adhesive is carefully formulated to include a high content of renewable (non-fossil derived) materials, and is certified to European compostable packaging standard EN13432.

Typical Properties*

Coat Weight 20gsm m² ± 2gsm

Adhesion (FTM 1) (N/25mm)

20 Minute Dwell = 6 – 7
24 Hour Dwell = 10 - 12

05

87 g 1 side White Clay Coated Kraft, 1 side solvent less silicone coated release paper.

Typical properties*

Weight 87gsm ± 3gsm

Thickness 93μ ± 6μ

Tear MD 450mN minimum
CD 500mN minimum

Release Values 17.5 ±7.5 Low speed g/25mm

Keep all rolls in their wrapping until required for processing.

Avoid wide variations in temperature and humidity in storage. Temperatures between 17°C – 23°C (64°F – 73°F) and a relative humidity between 33%-55% are the best conditions. Providing correct packaging and storage of the reels, we guarantee them for 6 months after passage of risk.

The above data represents the averages obtained in our Laboratory. Specification for use and final result's correspond to our best technical experience but cannot be intended as our commitment of liability. User will determine the suitability of the product and method of application for each specific use.

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