PEMBAFLEX
FLEXIBLE PACKAGING MADE EASY

+27 (0)79 590 7376
gordon@pembaflex.co.za
www.pembaflex.co.za

TECHNICAL PROPERTIES

PEMBAFLEX

BANANAFLEX™ BLUE

Banana Bunch Cover

Blue Polyethylene Banana Bunch Cover Bags



PembaFlex BananaFlex™ Blue is a blue polyethylene banana bunch cover designed to protect developing banana bunches during cultivation.

The cover provides a physical barrier against **sun exposure, wind, rain, birds, insects and mechanical contact,** while helping maintain a suitable micro-environment around the developing fruit.
The bags can be manufactured in application-specific thicknesses, dimensions and perforation configurations according to grower and plantation requirements.
Blue/translucent banana bunch covers are commonly used to allow growers to inspect fruit development while providing protection from environmental conditions.

PRODUCT APPLICATIONS

- Banana bunch protection
- Commercial banana plantations
- Banana crop production
- Fruit development protection
- Protection from direct sun exposure
- Protection from wind and rain
- Bird protection
- Insect and pest barrier
- Reduction of mechanical marks and scratches
- Fruit quality protection
- Crop handling and harvest preparation

FILM PROPERTIES

- Blue translucent polyethylene film
- Flexible construction
- Good tensile strength
- Good elongation
- Tear resistance
- Puncture resistance
- Outdoor agricultural performance
- Protection from environmental exposure
- Protection against mechanical damage
- Suitable ventilation/perforation options
- UV stabilisation where required
- Lightweight construction
- Available in roll or cut-bag format
- Custom dimensions available

TECHNICAL DATA SHEET

PROPERTY	TESTING METHOD	SPECIFICATION
Thickness	ASTM D6988	20–50 µm*
Width / Flat Width	Internal Measurement	Application dependent*
Bag Length	Internal Measurement	Application dependent*
Bag Perimeter	Internal Measurement	Application dependent*
Tensile @ Break	ASTM D882	≥20 MPa*
Elongation @ Break	ASTM D882	≥400%*
Dart Drop Impact	ASTM D1709	≥150 g*
Tear – MD	ASTM D1922	≥10 g/µm*
Tear – TD	ASTM D1922	≥15 g/µm*
C.O.F.	ASTM D1894	0.20–0.40*
Colour	Visual / Internal	Blue Translucent
Perforation	Internal Specification	Application dependent*
UV Stabilisation	Application Specification	Optional / Required as specified*

* Working targets requiring validation.

DISCLAIMER
The values stated in this document are working product specifications/target values and are subject to product validation and final approval. Actual film and bag properties may vary depending on resin grade, formulation, layer allocation, film thickness, processing conditions, perforation pattern, bag dimensions and field conditions. Final product specifications and test results shall be confirmed by PembaFlex prior to commercial release.