PEMBAFLEX
FLEXIBLE PACKAGING MADE EASY

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

TECHNICAL PROPERTIES

PEMBAFLEX
MAXITHENE™

Standard Shrink

Standard-Shrink Polyethylene Film



PembaFlex MAXITHENE™ is a reliable standard-shrink polyethylene film engineered for efficient load containment, packaging stability and consistent shrink performance. The film is designed for collation, bundling and secondary packaging applications where dependable sealing, handling and finished-pack appearance are required.

The film provides a balance of shrink response, mechanical strength, flexibility and packaging efficiency for industrial and commercial packaging applications.

PRODUCT APPLICATIONS

- Beverage multipack packaging
- Bottled water packaging
- Soft drink packaging
- Cans and canned products
- Collation and bundling
- Retail-ready multipacks
- Secondary packaging
- Industrial packaging
- Food and consumer packaging
- Transport and storage packaging
- Promotional packaging
- Printed multipack packaging

FILM PROPERTIES

- Reliable standard shrink performance
- Strong shrink response
- Reliable heat sealing
- Durable film structure
- Good load containment
- Consistent packaging results
- Good tensile strength and elongation
- Tear and puncture resistance
- Flexible and easy to handle
- Suitable for high-volume packaging
- Good transparency and film appearance
- Suitable for printed packaging
- Available with slip and anti-block options
- Suitable for 3-layer polyethylene film structures
- Application-specific thickness and width options

TECHNICAL DATA SHEET

PROPERTY	TESTING METHOD	SPECIFICATION
Thickness	ASTM D6988	30–100 µm
Haze	ASTM D1003	≤15%
Width	Internal Measurement	200–1,250 mm
Tensile @ Break	ASTM D882	≥20 MPa
Elongation @ Break	ASTM D882	≥400%
Dart Drop Impact	ASTM D1709	≥150 g
C.O.F.	ASTM D1894	0.20–0.35
Shrinkage – MD	ASTM D2732	5–15%
Shrinkage – TD	ASTM D2732	25–40%
Clarity	ASTM D1003 / Visual	Clear / High Clarity
Gloss	ASTM D2457	≥60 GU
Seal Performance	Application Dependent	To be confirmed

*Working targets require validation.

DISCLAIMER

The values stated in this Technical Data Sheet are working product specification targets for the **PembaFlex EXTREMETHENE™** film draft specification. Actual film performance may vary according to film thickness, resin formulation, layer allocation, processing conditions, machine configuration and end-use application.

Final resin grades, formulation, layer ratios, approved film gauges and finished-film test results require technical confirmation.