PEMBAFLEX
FLEXIBLE PACKAGING MADE EASY

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TECHNICAL PROPERTIES

PEMBAFLEX
LAMIFLEX™ SEAL

High-Seal Lamination

Enhanced Heat-Sealing Polyethylene Lamination Film



PembaFlex LamiFlex™ Seal is a polyethylene lamination film designed for flexible packaging structures where reliable and consistent heat sealing is a primary performance requirement.

The film is designed to provide enhanced seal performance, good seal strength and suitable hot-tack behaviour while maintaining the mechanical and handling characteristics required for laminated packaging.

PRODUCT APPLICATIONS

- Food packaging
- Consumer packaging
- Pouches
- Sachets
- Laminated bags
- High-speed packaging
- Heat-sealed packaging
- Retail packaging
- Flexible packaging
- Printed laminated packaging
- Packaging requiring reliable seal integrity

FILM PROPERTIES

- Enhanced heat-sealing performance
- Good seal strength
- Good hot-tack characteristics
- Reliable seal formation
- Good tensile strength
- Good elongation
- Good flexibility
- Good tear resistance
- Good puncture resistance
- Suitable for laminated structures
- Suitable for high-speed converting
- Surface treatment available
- Slip and anti-block options

TECHNICAL DATA SHEET

PROPERTY	TESTING METHOD	SPECIFICATION
Thickness	ASTM D6988	30–150 µm
Haze	ASTM D1003	≤20%
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
Tear – MD	ASTM D1922	Application dependent
Tear – TD	ASTM D1922	Application dependent
C.O.F.	ASTM D1894	0.20–0.40
Seal Strength	ASTM F88/F88M	≥12 N/25 mm*
Hot Tack	ASTM F1921/F1921M	≥5 N/25 mm*
Lamination Bond	ASTM F904	Application dependent*
Gloss	ASTM D2457	≥50 GU

DISCLAIMER
Target values require PembaFlex validation. Final sealing performance depends on film formulation, layer allocation, equipment and packaging conditions.