



KUBER POLYFILMS

TECHNICAL DATA SHEET (TDS)

High Elongation PE Film for Foil Balloon Applications

High Elongation PE Film by Kuber Polyfilms is a specialized polyethylene film engineered for demanding applications such as foil balloon manufacturing. The film combines exceptional stretchability, superior sealing strength, softness and high gloss, ensuring durability, air retention and attractive appearance during inflation, handling and prolonged display.

Parameter	Specification
Material	Special grade Polyethylene (PE)
Application	Foil balloons & inflatable decorative products
Elongation at Break	Up to 600 %
Thickness Range	Customizable as per application
Width Range	Customizable
Surface Finish	High gloss / superior shine
Softness	Very soft, flexible film
Sealing Strength	Excellent – airtight & leak resistant
Clarity / Appearance	Smooth surface with enhanced shine

Key Features & Advantages:

- Extremely high elongation up to 600% without tearing
- Excellent flexibility allowing accommodation of complex shapes
- Superior sealing strength preventing air leakage under pressure
- Soft film structure for enhanced safety and tactile comfort
- High gloss and superior shine for premium visual appeal
- Durable performance during inflation, storage and handling
- Suitable for continuous production and automated sealing processes

Typical End Uses: Foil balloons • Decorative inflatable products • Promotional inflatables • Party & event décor items

Storage: Shelf life 12 months • Store in a cool, dry place away from heat and direct sunlight

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