KUBER POLYFILMS

TECHNICAL DATA SHEET (TDS)

Low COF & High Hot Tack Polyethylene (PE) Film for High-Speed Packaging

Low COF & High Hot Tack PE Film by Kuber Polyfilms is specially engineered for high-speed packaging and lamination applications where smooth machinability, fast sealing and reliable bonding are critical. The film offers optimum slip properties, low coefficient of friction and excellent hot tack performance, ensuring consistent results in demanding packaging environments.

Parameter	Specification
Material	Special grade Polyethylene (PE)
Application	High-speed pouching & lamination applications
Thickness Range	Customizable as per application
Width Range	Up to 2000 mm
Gauge Variation	< 4 %
Coefficient of Friction (COF)	< 0.16
Slip Property	Optimized for easy pouch opening & smooth handling
Hot Tack Value	High – suitable for online & high-speed packing
Sealing Speed	Superior – supports fast sealing operations
Corona Treatment	42 Dynes on one side for lamination

Key Features & Advantages:

- Optimum slipness ensuring easy pouch opening and user convenience
- Low COF value below 0.16 for smooth movement and high-speed machinability
- High hot tack value enabling secure online packing operations
- Superior sealing speed improving production efficiency and throughput
- Under 4% gauge variation ensuring uniform thickness and consistent performance
- One-side corona treated to 42 dynes for excellent lamination bond strength
- Equally suitable for lamination with polyester (PET) and paper substrates
- Reduces process downtime and enhances overall packaging quality

Typical End Uses: High-speed FFS packaging • Laminated pouches • Paper–PE & PET–PE laminates • Food & FMCG packaging • General purpose flexible packaging

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

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