



KUBER POLYFILMS

TECHNICAL DATA SHEET (TDS)

Both Side Corona Treated Polyethylene (PE) Film

Both Side Corona Treated PE Film by Kuber Polyfilms is specially engineered to provide superior surface energy on both sides of the film, ensuring excellent ink adhesion, coating uniformity, and lamination bonding. This film is ideal for high-speed printing, coating, and lamination processes used in flexible packaging and industrial applications.

Property	Unit	Typical Value	Test Method
Thickness Range	Micron	12 – 200 (and above on request)	ASTM D374
Maximum Width	mm	Up to 2000	Internal Method
Density	g/cm ³	0.92 – 0.94	ASTM D1505
Tensile Strength MD	MPa	≥ 18	ASTM D882
Tensile Strength TD	MPa	≥ 16	ASTM D882
Elongation at Break MD	%	≥ 300	ASTM D882
Elongation at Break TD	%	≥ 400	ASTM D882
Corona Treatment Level	Dynes/cm	≥ 38 – 42 (Both Sides)	ASTM D2578
COF	-	0.2 – 0.4	ASTM D1894

Key Features:

- Corona treated on both sides for superior print and lamination performance
- Excellent ink adhesion and coating uniformity
- Suitable for solvent-based, water-based and UV inks
- Consistent surface energy retention
- Smooth surface finish and uniform gauge control
- Suitable for high-speed printing and lamination machines

Typical Applications:

- Flexible packaging printing and lamination
- Adhesive coating and release liner base film
- Industrial and technical lamination
- Surface protection films
- Specialty packaging applications

Compliance & Storage:

- Manufactured from premium-grade polyethylene resins
- Corona treated using controlled high-frequency discharge systems
- Shelf Life: 12 months from date of manufacture (under recommended storage conditions)
- Storage: Store in cool, dry place away from heat, dust and direct sunlight

Manufacturer & Exporter:

Kuber Polyfilms – New Delhi, India

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