

PolyTherm® E Hotmelt 300-3.4



Synthetic Label Facestock



PolyTherm® E Hotmelt 300-3.4 is a topcoated, back-barrier coated synthetic direct thermal label facestock engineered for exceptional strength, smoothness, and resistance. Its advanced back coating prevents adhesive migration with hotmelt formulations and ensures reliable performance across general-use applications.

Key Features

- Made with our EarthChem™ chemistry with no added phenols
- Lightweight synthetic polypropylene base for flexibility and strength
- High durability for demanding applications
- Water- and environmental-resistant for reliable performance
- Produces deep, dark images for superior readability

Applications

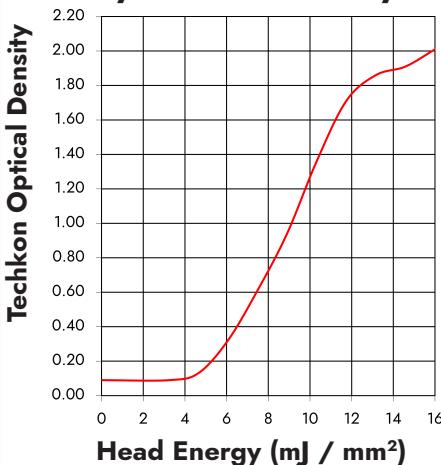
- Airline baggage tags
- Retail shelf labels
- Product labeling
- Industrial labels
- Parking violations
- Ski lift tickets
- Pharmaceutical labels



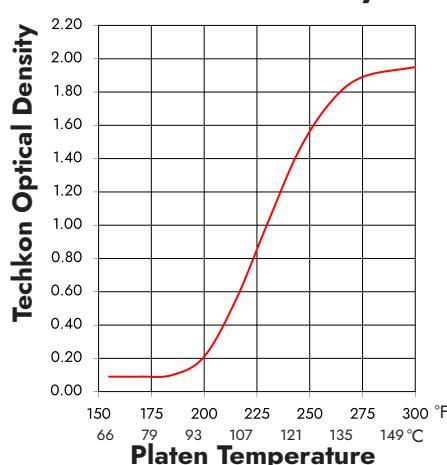
Product Characteristics — Provisional Data

Caliper	3.4 ± 0.3/86.4 ± 5
Basis Weight 17 x 22–500 (lbs) g/m ²	18.4 ± 0.9 69.2 ± 4.2
Thermal Response - Nominal	
Static (°C ± 5°)	
Initial 0.2 ODU	92° C
Functional 1.0 ODU	110° C
Maximum 1.9 ODU	149° C
Dynamic—Atlantek 400 (mJ/mm²)	
Initial 0.2 ODU	5.2
Functional 1.0 ODU	9
Maximum 2.0 ODU	16
Brightness (UV Included)	>84
Gurley Stiffness Nominal (mg)	MD 37 CD 54
Elmendorf Tear Nominal (g)	MD 34 CD 31
Parker Print Surface	<1.7

Dynamic Sensitivity



Static Sensitivity



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