

PolyTherm® E Hotmelt 300-4.1



Synthetic Label Facestock



PolyTherm® E Hotmelt 300-4.1 is a premium, topcoated synthetic direct thermal label facestock engineered for exceptional durability and resistance. Its advanced backcoating prevents adhesive migration with hotmelt formulations, ensuring reliable performance across demanding 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

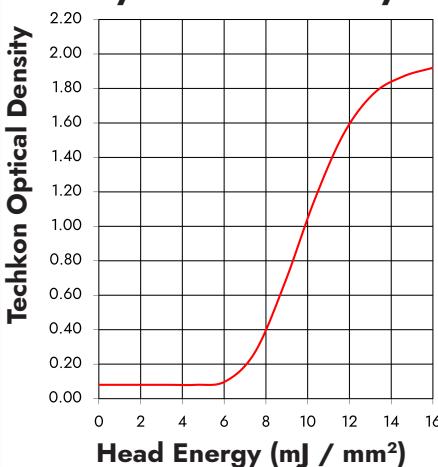
- Airline baggage tags
- Retail shelf labels
- Product labeling
- Industrial labels
- Parking violations
- Ski lift tickets
- Pharmaceutical labels



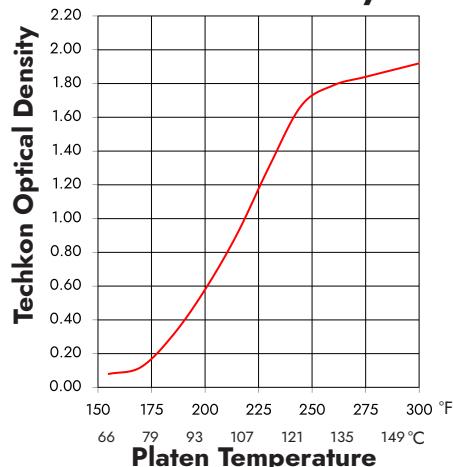
Product Characteristics — Provisional Data

Caliper	4.1 ± 0.2/104.1 ± 5
Basis Weight	17 x 22—500 (lbs) g/m ²
Thermal Response - Nominal	22.2 ± 1.1 83.6 ± 4.2
Static (°C ± 5°)	81° C
Initial 0.2 ODU	103° C
Functional 1.0 ODU	149° C
Maximum 1.9 ODU	
Dynamic—Atlantek 400 (mJ/mm ²)	
Initial 0.2 ODU	7
Functional 1.0 ODU	9.8
Maximum 2.0 ODU	16
Brightness (UV Included)	>84
Gurley Stiffness Nominal (mg)	MD 72 CD 109
Elmendorf Tear Nominal (g)	MD 39 CD 30
Parker Print Surface	<1.7

Dynamic Sensitivity



Static Sensitivity



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