

# 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

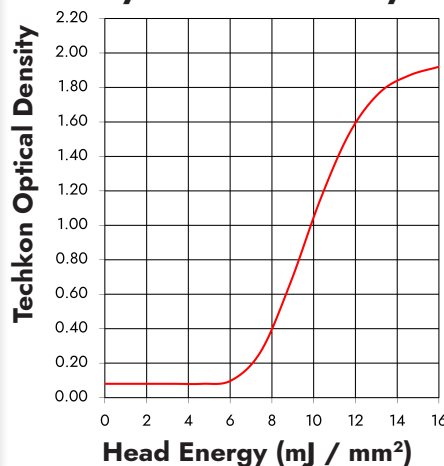
- Airline baggage tags
- Retail shelf labels
- Product labeling
- Industrial labels
- Parking violations
- Ski lift tickets
- Pharmaceutical labels



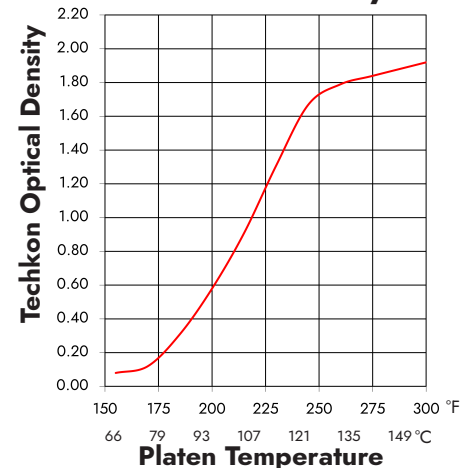
### Product Characteristics — Provisional Data

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

### Dynamic Sensitivity



### Static Sensitivity



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