

# PolyTherm® E 300-3.0D

## Synthetic Label Facestock



PolyTherm® E 300-3.0D is a top-coated synthetic direct thermal label facestock offering exceptional durability, high resistance properties, and consistent bar code scannability.

### Key Features

- Made with our EarthChem™ chemistry with no added phenols
- Polypropylene film base for strong, flexible durability
- Highly durable to resist tearing and abrasion
- Environmental resistance to chemicals, UV, and temperature
- Excellent resistance to alcohol and plasticizers

### Applications

- Airline baggage tags
- Retail shelf and price labels
- Product and packaging labels
- Industrial and warehouse labeling
- Parking enforcement labels
- Ski lift and event tickets
- Pharmaceutical and healthcare labels

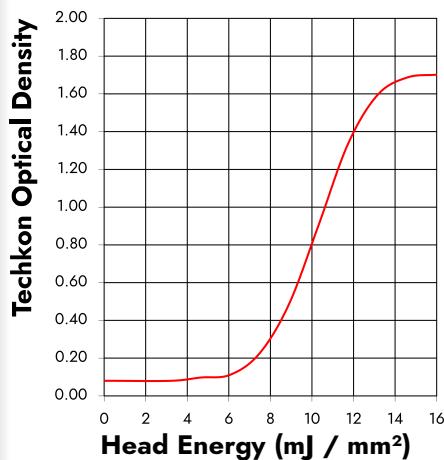


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### Product Characteristics

Caliper (mils/ $\mu$ m)	$2.9 \pm 0.3/73.7 \pm 7$
<b>Basis Weight</b>	$17 \times 22-500$ (lbs) $g/m^2$
<b>Thermal Response - Nominal</b>	
<b>Static</b> ( $^{\circ}$ C $\pm$ 5 $^{\circ}$ )	
Initial 0.2 ODU	81 $^{\circ}$ C
Functional 1.0 ODU	105 $^{\circ}$ C
Maximum 1.8 ODU	149 $^{\circ}$ C
<b>Dynamic—Atlantek 400</b> (mJ/mm <sup>2</sup> )	
Initial 0.2 ODU	7.3
Functional 1.0 ODU	10.7
Maximum 1.7 ODU	14.7
<b>Brightness (UV Excluded)</b>	>86
<b>Gurley Stiffness Nominal</b> (mg)	MD 23 CD 32
<b>Elmendorf Tear Nominal</b> (g)	MD 23 CD 18
<b>Parker Print Surface</b>	<1.7

### Dynamic Sensitivity



### Static Sensitivity

