

# PolyTherm® Clear

## 300 - 3.0

A topcoated, synthetic, and translucent direct thermal label facestock with high-durability and water resistance.

## SYNTHETIC LABEL FACESTOCK



## KEY FEATURES

- Lightweight, translucent synthetic base (polypropylene film)
- High-durability
- Water resistance
- Environmental resistance

## APPLICATIONS

- Retail shelf labels
- Product labeling
- Address labeling
- Garment labeling
- Translucent labeling

For printing - matte side up through printhead.

For scanning - white background required behind printed barcode.

## PRODUCT CHARACTERISTICS

<b>Caliper (mils/μm)</b>	2.96 ± 0.15/75 ± 4
<b>Basis Weight</b>	
17 x 22—500 (lbs)	18.7 ± 09/-0.75
g/m <sup>2</sup>	70.1 ± 0.4
<b>Thermal Response - Nominal</b>	
Static (°C ± 5°)	
0.2 ODU	71.1
1.0 ODU	105.6
Maximum Density (ODU)	2.5
Temperature Required	149
Dynamic—Atlantek 400 (mj/mm <sup>2</sup> )	
0.2 ODU	5.4
1.0 ODU	10.2
Maximum Density (ODU)	2.2
Energy Required	14.6
<b>Gurley Stiffness Nominal (mg)</b>	MD 36 CD 59
<b>Elmendorf Tear Nominal (g)</b>	MD 34 CD 24
<b>Parker Print Surface</b>	<1.80

