

PolyTherm® Clear 300 - 3.0

Synthetic Label Facestock



PolyTherm® Clear 300-3.0 is a topcoated, synthetic, and translucent direct thermal label facestock with high-durability and water resistance.

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.

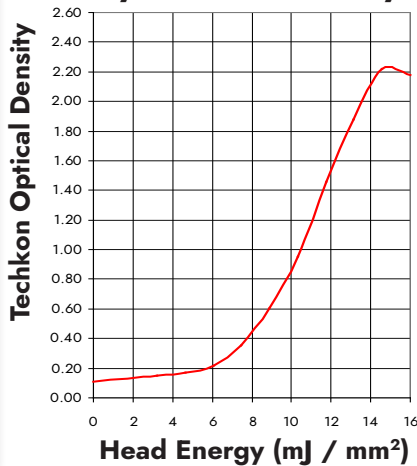
For scanning - white background required behind printed barcode.



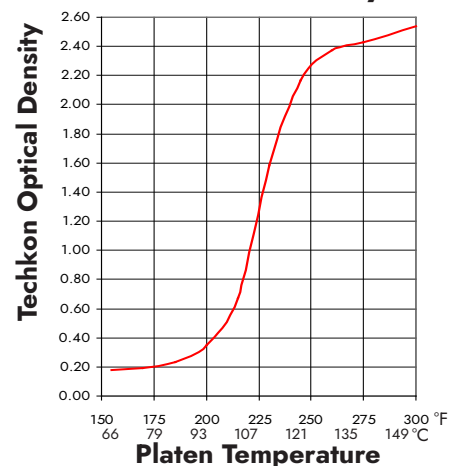
Product Characteristics

Caliper	2.96 ± 0.15/75 ± 4
Basis Weight	
17 x 22-500 (lbs)	18.7 ± 0.9/-0.75
g/m2	70.1 ± 0.4
Thermal Response - Nominal	
Static (°C ± 5°)	
Initial 0.2 ODU	71.1° C
Functional 1.0 ODU	105.6° C
Maximum 2.5 ODU	149° C
Dynamic—Atlantek 400 (mJ/mm2)	
Initial 0.2 ODU	5.4
Functional 1.0 ODU	10.2
Maximum 2.2 ODU	14.6
Gurley Stiffness Nominal (mg)	MD 36 CD 59
Elmendorf Tear Nominal (g)	MD 34 CD 24
Parker Print Surface	<1.80

Dynamic Sensitivity



Static Sensitivity



©2025 Appvion, LLC. Data is for reference only. May be subject to alterations. Use of Appvion's direct thermal products in processing, equipment, end-use, or other applications for which they were not intended voids all warranties.

Appvion, LLC · 825 East Wisconsin Avenue · Appleton, Wisconsin 54912 · (877) 768 - 8399 · appvion.com