

# PolyTherm® Clear 300-3.0

PHARMACY • MANUFACTURING • FOOD PACKAGING • WAREHOUSING

A topcoated, synthetic, translucent thermal label facestock with exceptional clarity and 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.

Use of Appvion's thermal products in processing, equipment, end-use or other applications for which they were not intended voids all warranties.

Appvion has transitioned to the Techkon densitometer, from the Gretag densitometer, on December 3, 2019.

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Data is for reference only. May be subject to alterations.

## PRODUCT CHARACTERISTICS

### PRELIMINARY DATA

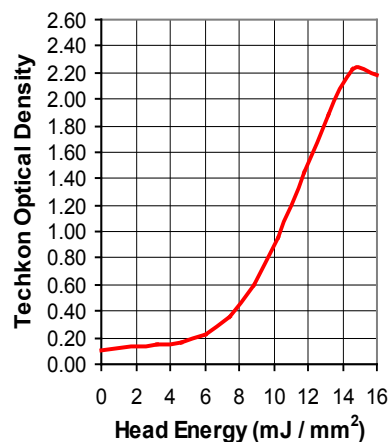
Caliper (mils/μm)	2.96 ± 0.15/75 ± 4
Basis Weight	
17 x 22–500 (lbs)	18.7 ± 0.9/-0.75
g/m <sup>2</sup>	70.1 ± 0.4

#### Thermal Response - Nominal

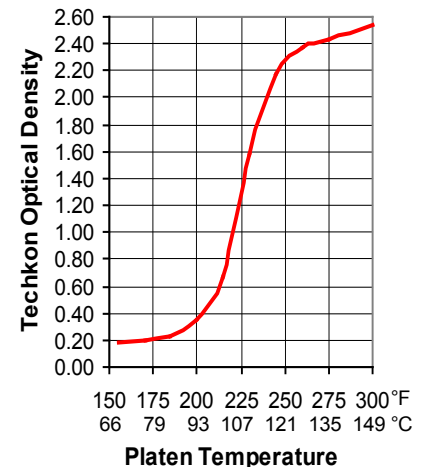
<b>Static</b> (°C ± 5°)	
0.2 ODU	71.1
1.0 ODU	105.6
Maximum Density (ODU)	2.5
Temperature Required	149
<b>Dynamic</b> –Atlantek 400 (mJ/mm <sup>2</sup> )	
0.2 ODU	5.4
1.0 ODU	10.2
Maximum Density (ODU)	2.2
Energy Required	14.6

Brightness (UV Included)	TBD
Gurley Stiffness Nominal (mg)	MD 36 CD 59
Elmendorf Tear Nominal (g)	MD 34 CD 24
Parker Print Smoothness	<1.80

#### Dynamic Sensitivity



#### Static Sensitivity



# APPVION