

# PolyTherm® 300-10.0

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

A high caliper, topcoated, synthetic thermal facestock with exceptional smoothness and resistance.

## ENTERTAINMENT PRODUCTS



## Key Features

- Synthetic base (polypropylene film)
- High durability
- Water resistance
- Environmental resistance
- Dark image

## Applications

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

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.

Publication Date: December 2019 © 2019 Appvion Operations, Inc. Data is for reference only. May be subject to alterations.

## PRODUCT CHARACTERISTICS

### PRELIMINARY DATA

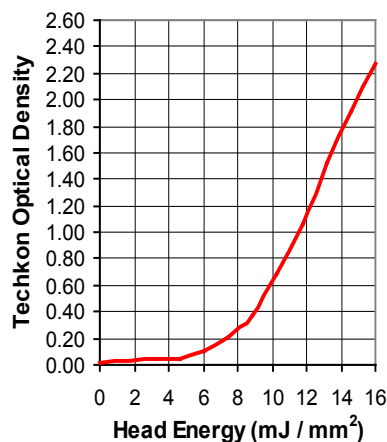
Caliper (mils/ $\mu$ m)	10.1 $\pm$ 0.1/254 $\pm$ 2.5
Basis Weight	
17 x 22-500 (lbs)	74.8 $\pm$ 3.7
g/m <sup>2</sup>	281.0 $\pm$ 14.1

#### Thermal Response - Nominal

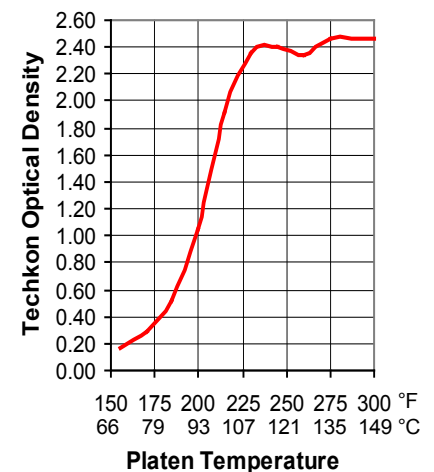
<b>Static</b> ( $^{\circ}$ C $\pm$ 5 $^{\circ}$ )	
0.2 ODU	70
1.0 ODU	92
Maximum Density (ODU)	2.46
Temperature Required	149
<b>Dynamic</b> -Atlantek 400 (mJ/mm <sup>2</sup> )	
0.2 ODU	7.2
1.0 ODU	11.6
Maximum Density (ODU)	2.27
Energy Required	16.0

Brightness (UV Included)	>88
Gurley Stiffness Nominal (mg)	MD 1021 CD 836
Elmendorf Tear Nominal (g)	MD 1266 CD 1600
Parker Print Smoothness	<1.25

#### Dynamic Sensitivity



#### Static Sensitivity



# APPVION