

# SecuraTherm® Blue

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

A high caliper, high sensitivity topcoated direct thermal ticket product offering a blue colored center security feature for easy authentication and effective fraud protection. This product is a practical solution for ticketing applications where forgery is a concern. This product provides venues a simple, quick and effective verification method.

## ENTERTAINMENT PRODUCTS



### Key Features

- Blue colored center security feature for easy authentication and effective fraud protection
- Topcoated for high resistance
- Backcoated for superior press printing performance and high impact graphics
- High sensitivity for fast print speeds and rich, dark, 300-dpi images
- High caliper for quality feel and stiffness

### Applications

- Concert tickets
- Sporting event tickets
- Amusement park tickets
- Bus/rail tickets

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 densitometers, from the Gretag densitometer, on December 3, 2019.  
Publication Date: June 2020 © 2020 Appvion Operations, Inc.  
Data is for reference only. May be subject to alterations.

## PRODUCT CHARACTERISTICS

### PRELIMINARY DATA

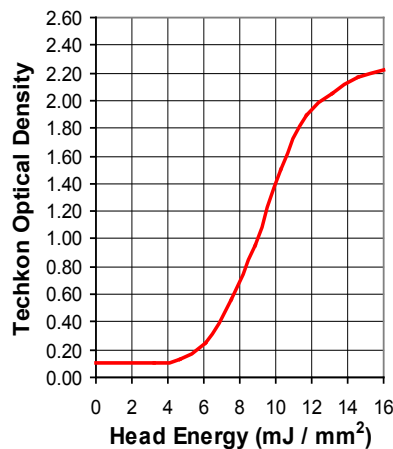
Caliper (mils/ $\mu\text{m}$ )	$8.8 \pm 0.50/223.5 \pm 13.0$
Basis Weight	
17 x 22–500 (lbs)	$52.4 \pm 2.6$
g/m <sup>2</sup>	$197.0 \pm 9.8$

Image Density @ 200°F	>1.40
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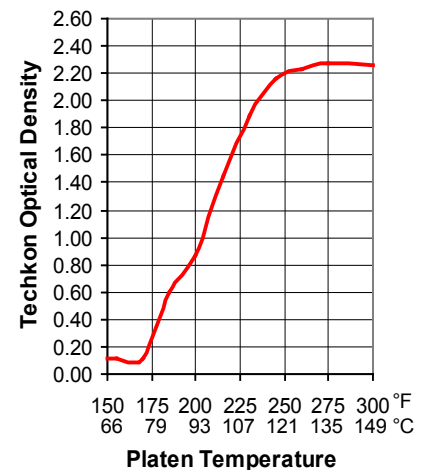
Thermal Response - Nominal	
<b>Static</b> ( $^{\circ}\text{C} \pm 5^{\circ}$ )	
0.2 ODU	77
1.0 ODU	94
Maximum Density (ODU)	2.67
Temperature Required	135
<b>Dynamic</b> —Atlantek 400 (mJ/mm <sup>2</sup> )	
0.2 ODU	5.5
1.0 ODU	8.9
Maximum Density (ODU)	2.2
Energy Required	16.0

Brightness (UV Included)	>88
Gurley Stiffness Nominal (mg)	MD 1100 CD 550
Elmendorf Tear Nominal (g)	MD 140 CD 170
Parker Print Smoothness	<1.10

#### Dynamic Sensitivity



#### Static Sensitivity



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