

# OPTIMA® Wristband 6.0

MEDICAL ID WRISTBANDS

A topcoated, synthetic, thermal wristband facestock with exceptional environmental and tear resistance. This product is exceptionally suited for medical ID wristband applications.

## MEDICAL PRODUCTS



## Key Features

- Synthetic base (polypropylene film)
- Hand sanitizer resistance
- Environmental resistance
- High durability

## Applications

- Medical ID Wristbands

\*Data listed are preliminary values based on initial production. Final values will be published at a later date.

Use of Appvion Inc.'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: November 2019 © 2019 Appvion Operations, Inc.  
Data is for reference only. May be subject to alterations.

## PRODUCT CHARACTERISTICS

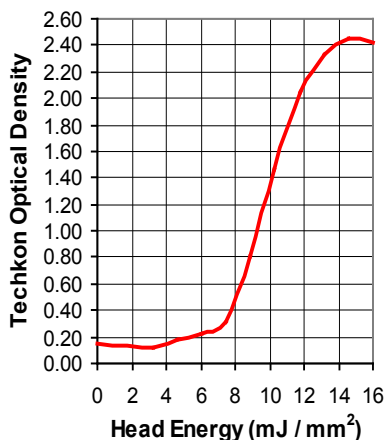
### PRELIMINARY DATA\*

Caliper (mils/ $\mu$ m)	6.1 $\pm$ 0.3/155.0 $\pm$ 8
Basis Weight	
17 x 22–500 (lbs)	32.4 $\pm$ 1.7
g/m <sup>2</sup>	121.82 $\pm$ 6.1

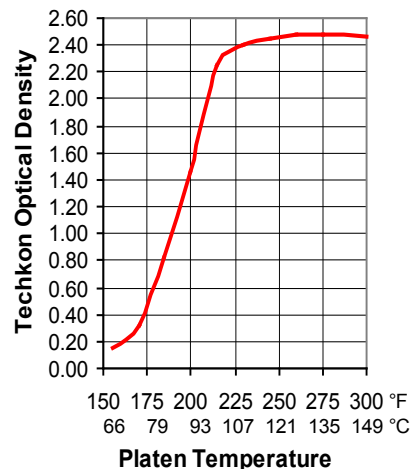
Thermal Response - Nominal	
<b>Static</b> ( $^{\circ}$ C $\pm$ 5 $^{\circ}$ )	
0.2 ODU	71
1.0 ODU	89
Maximum Density (ODU)	2.48
Temperature Required	127
<b>Dynamic</b> –Atlantek 400 (mJ/mm <sup>2</sup> )	
0.2 ODU	5.0
1.0 ODU	9.2
Maximum Density (ODU)	2.45
Energy Required	14.6

Brightness (UV Included)	>90
Gurley Stiffness Nominal (mg)	MD 250 CD 431
Elmendorf Tear Nominal (g)	MD 63 CD 31
Parker Print Smoothness	<1.60

### Dynamic Sensitivity



### Static Sensitivity



# APPVION