

OPTIMA® Wristband 4.0

MEDICAL ID WRISTBANDS

PRODUCT CHARACTERISTICS

PRELIMINARY DATA*

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

Caliper (mils/ μ m)	3.9 \pm 0.2/99.1 \pm 5
Basis Weight	
17 x 22–500 (lbs)	21.2 \pm 1.1
g/m ²	79.7 \pm 4.0

MEDICAL PRODUCTS



Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	68
1.0 ODU	86
Maximum Density (ODU)	2.48
Temperature Required	127
Dynamic –Atlantek 400 (mJ/mm ²)	
0.2 ODU	7.0
1.0 ODU	9.7
Maximum Density (ODU)	2.45
Energy Required	16.0

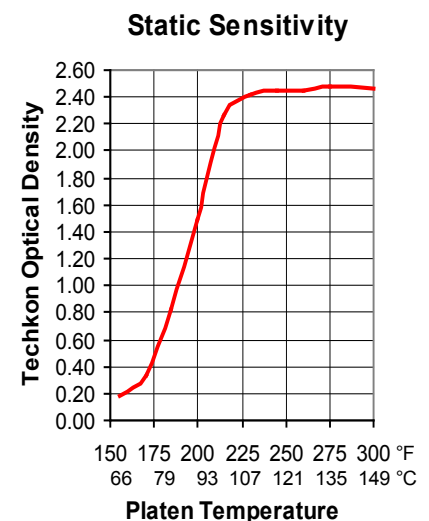
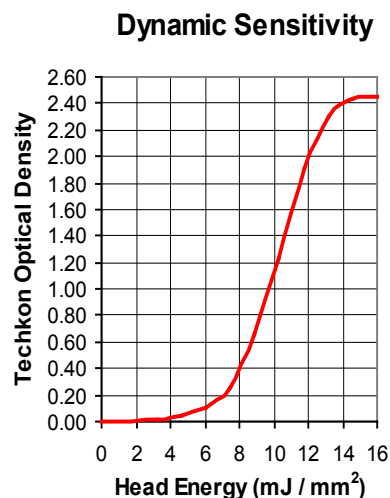
Brightness (UV Included)	>90
Gurley Stiffness Nominal (mg)	MD 79
	CD 120
Elmendorf Tear Nominal (g)	MD 26
	CD 14
Parker Print Smoothness	<1.60

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.

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



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