

# Alpha<sup>®</sup> 820-3.4

## MEDICAL CHARTS

### PRODUCT CHARACTERISTICS

This midweight direct thermal product is an 820-sensitivity, black image grade for point-of-sale and printer applications. Suited for flexographic and UV litho printing on front and back. Produced without the use of BPA or BPS.

Caliper (mils/ $\mu$ m)	3.40 $\pm$ 0.30/86.0 $\pm$ 10.0
Basis Weight	
17 x 22-500 (lbs)	20.5 $\pm$ 1.0
g/m <sup>2</sup>	77.4 $\pm$ 4.7

### MEDICAL PRODUCTS



Thermal Response - Nominal	
<b>Static</b> ( $^{\circ}$ C $\pm$ 5 $^{\circ}$ )	
0.2 ODU	79
1.0 ODU	96
Maximum Density (ODU)	1.85
Temperature Required	121
<b>Dynamic</b> -Atlantek 400 (mJ/mm <sup>2</sup> )	
0.2 ODU	5.0
1.0 ODU	7.8
Maximum Density (ODU)	1.86
Energy Required	16.0

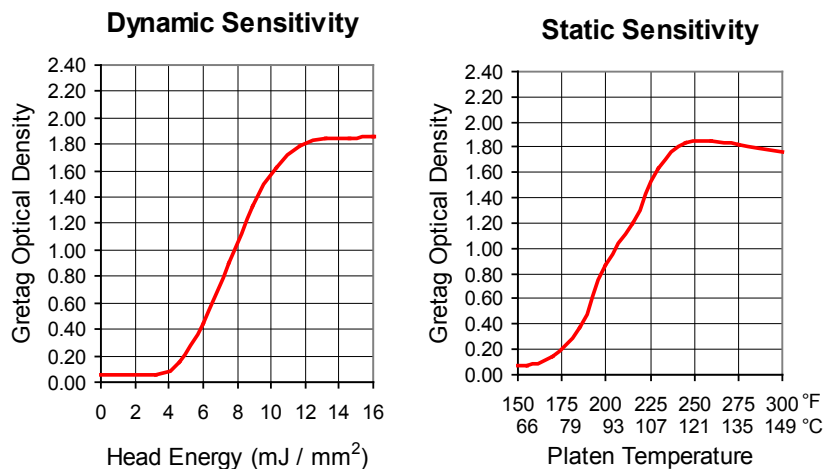
Brightness (UV Included)	>85
Gurley Stiffness Nominal (mg)	MD 99
	CD 44
Elmendorf Tear Nominal (g)	MD 44
	CD 53
Parker Print Smoothness	<2.20

### Key Features

- Bond-like feel
- Press printable front and back
- Bar code and graphics imaging
- Bright white appearance
- BPA/BPS Free

### Applications

- Medical charts



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

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



# APPVION