

# Alpha<sup>®</sup> 820 - 3.4

A BPA  
FREE PRODUCT  
BY APPVION



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

## SPECIALTY RETAIL PRODUCTS



## KEY FEATURES

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

## APPLICATIONS

- Wide format chart/plotter
- Kiosks
- Parking
- Portable printers

## PRODUCT CHARACTERISTICS

<b>Caliper (mils/μm)</b>	3.20 ± 0.15/81.2 ± 3.8
<b>Basis Weight</b>	
17 x 22—500 (lbs)	19.6 ± 1.1
g/m <sup>2</sup>	73.7 ± 4.0
<b>Thermal Response - Nominal</b>	
Static (°C ± 5°)	
0.2 ODU	79
1.0 ODU	110
Maximum Density (ODU)	1.53
Temperature Required	135
Dynamic—Atlantek 400 (mj/mm <sup>2</sup> )	
0.2 ODU	4.6
1.0 ODU	7.5
Maximum Density (ODU)	1.8
Energy Required	16
<b>Brightness (UV Excluded)</b>	>74
<b>Gurley Stiffness Nominal (mg)</b>	MD 90 CD 40
<b>Elmendorf Tear Nominal (g)</b>	MD 43 CD 44
<b>Tensile (lbs/in)</b>	MD 32 CD 16
<b>Parker Print Surface</b>	<1.30

