

# Alpha<sup>®</sup> 820-2.4

RETAIL OUTLETS • CONVENIENCE STORES • FOOD SERVICE • COUPONING



This 800-sensitivity, point-of-sale, chart and receipt grade has excellent bar code and graphics imaging. Suited for flexographic and UV litho print on front and back. Produced without the use of BPA.

## POINT OF SALE PRODUCTS



## Key Features

- 800-sensitivity
- Excellent graphics and bar code imaging
- Press printable front and back
- Bright white appearance
- BPA Free

## Applications

- Point-of-sale receipts
- ATM receipts
- Kiosks
- Parking receipts
- Airline check-in kiosks
- High-speed facsimile
- Charting

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

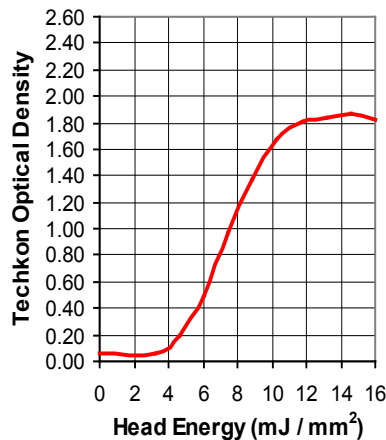
## PRODUCT CHARACTERISTICS

Caliper (mils/μm)	2.40 ± 0.20/61 ± 15
Basis Weight	
17 x 22–500 (lbs)	13.4 ± 0.7
g/m <sup>2</sup>	50.4 ± 2.8

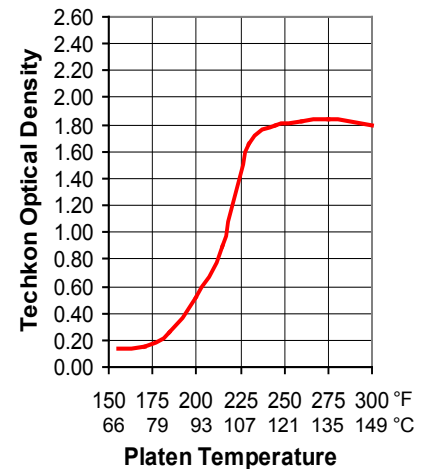
Thermal Response - Nominal	
<b>Static</b> (°C ± 5°)	
0.2 ODU	82
1.0 ODU	103
Maximum Density (ODU)	1.84
Temperature Required	135
<b>Dynamic</b> –Atlantek 400 (mJ/mm <sup>2</sup> )	
0.2 ODU	4.5
1.0 ODU	7.5
Maximum Density (ODU)	1.86
Energy Required	14.5

Brightness (UV Included)	>85
Gurley Stiffness Nominal (mg)	MD 27 CD 12
Elmendorf Tear Nominal (g)	MD 33 CD 36
Parker Print Surf	<1.80

### Dynamic Sensitivity



### Static Sensitivity



APPVION