

Alpha[®] 820-3.4

SPECIALTY RETAIL • CONVENIENCE STORES • FOOD SERVICE • COUPONING



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

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 densitometer, from the Gretag densitometer, on December 3, 2019.

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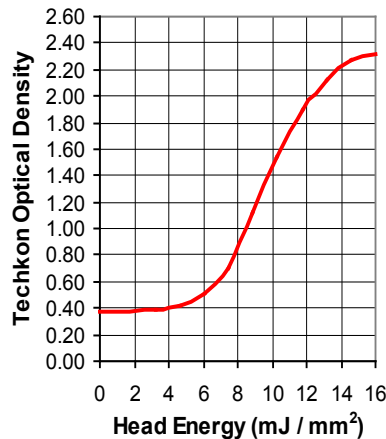
PRODUCT CHARACTERISTICS

Caliper (mils/ μ m)	3.40 \pm 0.30/86 \pm 10
Basis Weight	
17 x 22-500 (lbs)	20.5 \pm 1.0
g/m ²	77.4 \pm 4.7

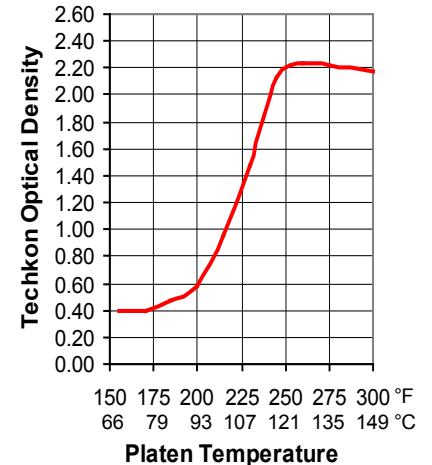
Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	N/A
1.0 ODU	103
Maximum Density (ODU)	2.23
Temperature Required	126
Dynamic -Atlantek 400 (mJ/mm ²)	
0.2 ODU	N/A
1.0 ODU	8.2
Maximum Density (ODU)	2.31
Energy Required	16.0

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

Dynamic Sensitivity



Static Sensitivity



APPVION