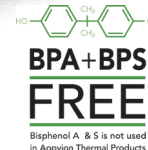


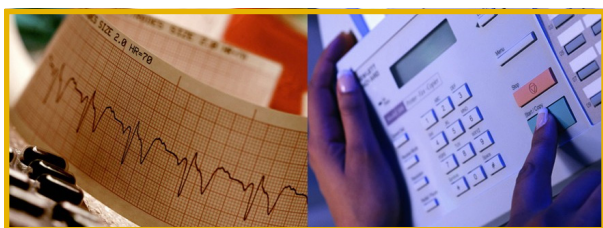
Alpha® 820-3.4

RESEARCH LABORATORIES • HOSPITALS • TESTING FACILITIES • OFFICES



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.

SCIENTIFIC & OFFICE PRODUCTS



Key Features

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

Applications

- Point-of-sale receipts
- Wide format chart/plotter
- ATM receipts
- Kiosks
- Parking receipts
- Portable receipts

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

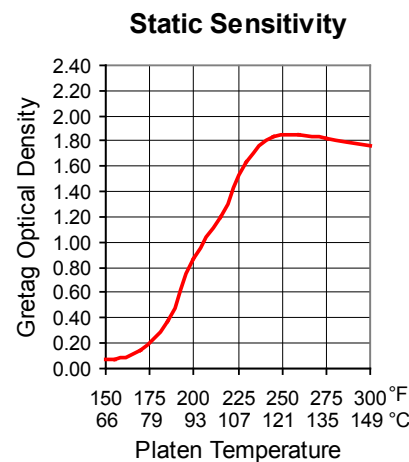
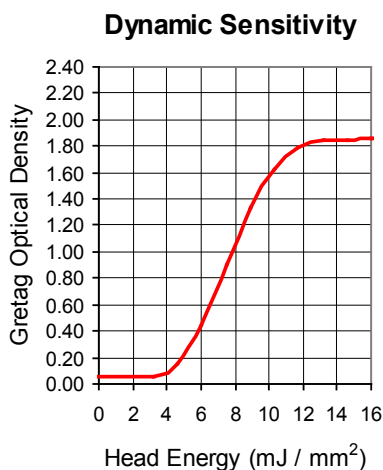
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Data is for reference only. May be subject to alterations.

PRODUCT CHARACTERISTICS

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

Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	79
1.0 ODU	96
Maximum Density (ODU)	1.85
Temperature Required	121
Dynamic -Atlantek 400 (mJ/mm ²)	
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 Surf	<2.20



APPVION