

Alpha[®] 400-2.3

RESEARCH LABORATORIES • HOSPITALS • TESTING FACILITIES • OFFICES

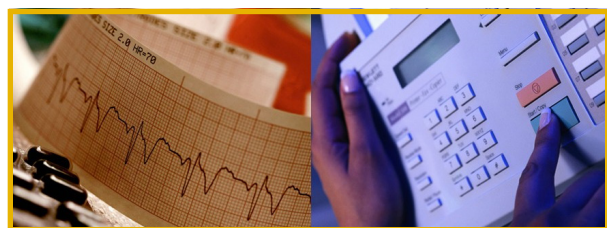


PRODUCT CHARACTERISTICS

An economy direct thermal product with good general imaging characteristics. Suitable for flexographic printing front and back. Produced without the use of bisphenol A (BPA) since 2006.

Caliper (mils/ μ m)	2.30 \pm 0.15/58 \pm 4
Basis Weight	
17 x 22–500 (lbs)	12.7 \pm 0.8
g/m ²	47.8 \pm 2.9

SCIENTIFIC & OFFICE PRODUCTS



Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	86
1.0 ODU	136
Maximum Density (ODU)	1.21
Temperature Required	148
Dynamic –Atlantek 400 (mJ/mm ²)	
0.2 ODU	5.0
1.0 ODU	8.4
Maximum Density (ODU)	1.49
Energy Required	13.2

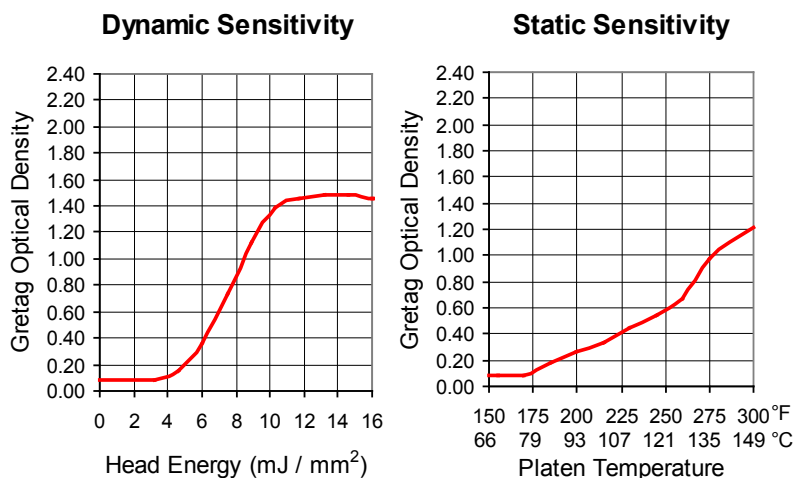
Brightness (UV Included)	>85
Gurley Stiffness Nominal (mg)	MD 28 CD 15
Elmendorf Tear Nominal (g)	MD 31 CD 35
Parker Print Surf	<2.00

Key Features

- Good general imaging
- Graphics and logo imaging
- BPA Free

Applications

- Economy point-of-sale for retail use
- ATM receipts
- Printer
- Parking receipts
- Facsimile
- Calculator
- Gas pump receipts



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

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