

Alpha[®] 820-3.4

MEDICAL CHARTS

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.

MEDICAL PRODUCTS



Key Features

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

Applications

- Medical charts

PRODUCT CHARACTERISTICS

Caliper (mils/ μ m)	3.40 \pm 0.30/86.0 \pm 10.0
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 $^{\circ}$)

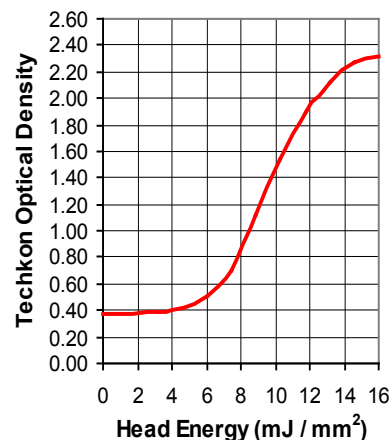
0.2 ODU	N/A
1.0 ODU	103
Maximum Density (ODU)	2.23
Temperature Required	126

Dynamic–Atlantek 400 (mJ/mm²)

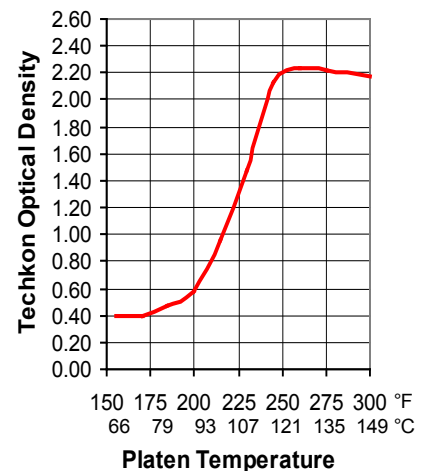
0.2 ODU	N/A
1.0 ODU	8.2
Maximum Density (ODU)	2.31
Energy Required	16.0

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

Dynamic Sensitivity



Static Sensitivity



Use of Appvion Inc.'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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