

OPTIMA[®] S Ultrasound Paper

A high-sensitivity, topcoated, and synthetic direct thermal print media designed specifically for use in video printers for ultrasound applications requiring a standard/matte finish.

MEDICAL PRODUCTS



KEY FEATURES

- Synthetic base (polypropylene film)
- High-quality grayscale imaging
- Excellent tear resistance
- Environmental resistance to water, fingerprints, and ultrasound gel drops
- Heat and humidity resistance

APPLICATIONS

- Ultrasound paper used with video printers for printouts of detailed medical images

PRODUCT CHARACTERISTICS

PRELIMINARY DATA

Caliper (mils/μm)	3.2 ± 0.15/81 ± 3.8
Basis Weight	
17 x 22—500 (lbs)	18.1 ± 0.9
g/m ²	68.0 ± 0.4
Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	70
1.0 ODU	83
Maximum Density (ODU)	2.09
Temperature Required	149
Dynamic—Atlantek 400 (mj/mm ²)	
0.2 ODU	6.1
1.0 ODU	7.2
Maximum Density (ODU)	2.06
Energy Required	16.0
Brightness (UV Included)	>85
Gurley Stiffness Nominal (mg)	MD 79 CD 120
Elmendorf Tear Nominal (g)	MD 26 CD 14
Parker Print Surface	<1.60

