

PolyTherm® 300-4.1

RESEARCH LABORATORIES • HOSPITALS • TESTING FACILITIES • OFFICES

A topcoated, synthetic thermal label facestock with exceptional smoothness and resistance.

SCIENTIFIC & OFFICE PRODUCTS



Key Features

- Synthetic base (polypropylene film)
- High durability
- Water resistance
- Environmental resistance
- Dark image

Applications

- Airline baggage tags
- Retail shelf labels
- Product labeling
- Industrial labels
- Parking violations
- Ski lift tickets
- Pharmaceutical labels
- Exterior document

PRODUCT CHARACTERISTICS

Caliper (mils/μm)	4.1 ± 0.4-0.3/104 ± 10
Basis Weight	
17 x 22-500 (lbs)	21.9 ± 1.1
g/m ²	82.1 ± 4.0/-4.2

Thermal Response - Nominal

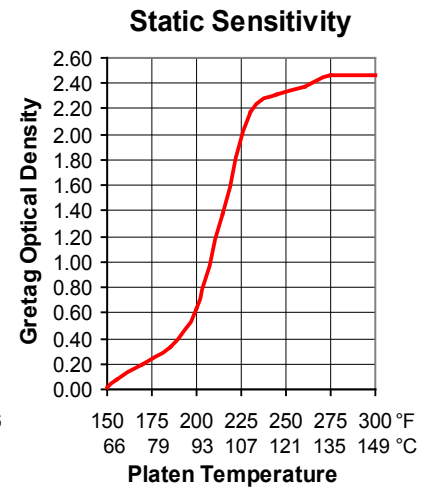
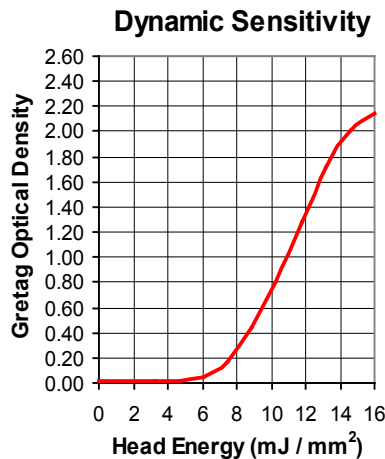
Static (°C ± 5°)

0.2 ODU	76
1.0 ODU	97
Maximum Density (ODU)	2.46
Temperature Required	135

Dynamic-Atlantek 400 (mJ/mm²)

0.2 ODU	7.7
1.0 ODU	10.9
Maximum Density (ODU)	2.14
Energy Required	16.0

Brightness (UV Included)	>90
Gurley Stiffness Nominal (mg)	MD 95 CD 128
Elmendorf Tear Nominal (g)	MD 39 CD 30
Parker Print Smoothness	<1.50



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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