

PolyTherm® 300-3.0

RESEARCH LABORATORIES • HOSPITALS • TESTING FACILITIES • OFFICES

A topcoated, synthetic thermal label facstock with high durability and resistance properties.

SCIENTIFIC & OFFICE PRODUCTS



Key Features

- Lightweight, synthetic base (polypropylene film)
- High durability
- Water resistance
- Environmental resistance
- Dark image

Applications

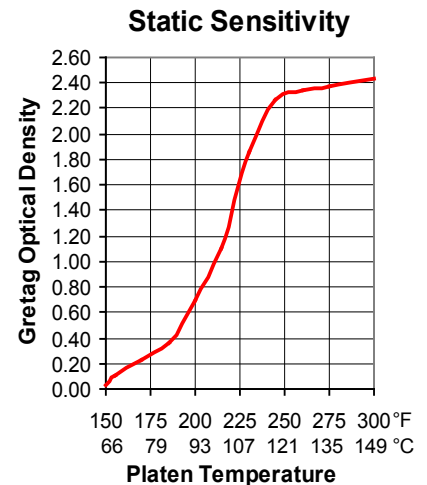
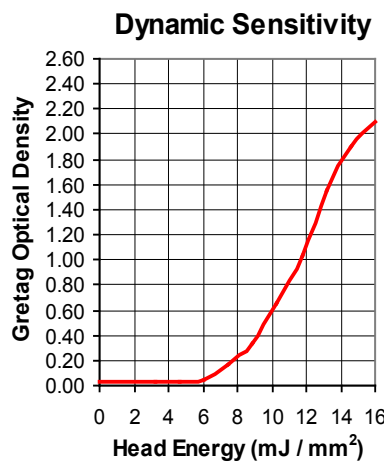
- Airline baggage tags
- Retail shelf labels
- Product labeling
- Industrial labels
- Parking violations
- Ski lift tickets
- Pharmaceutical labels

PRODUCT CHARACTERISTICS

Caliper (mils/μm)	3.00 ± 0.30/76.2 ± 8
Basis Weight	
17 x 22–500 (lbs)	15.8 ± 0.8
g/m ²	59.6 ± 3.1

Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	75
1.0 ODU	100
Maximum Density (ODU)	2.43
Temperature Required	148
Dynamic –Atlantek 400 (mJ/mm ²)	
0.2 ODU	7.7
1.0 ODU	11.6
Maximum Density (ODU)	2.10
Energy Required	16.0

Brightness (UV Included)	>90
Gurley Stiffness Nominal (mg)	MD 27 CD 43
Elmendorf Tear Nominal (g)	MD 28 CD 21
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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