

PolyTherm® 300-10.0

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

A high caliper, topcoated, synthetic thermal facstock with exceptional smoothness and resistance.

ENTERTAINMENT PRODUCTS



Key Features

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

Applications

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

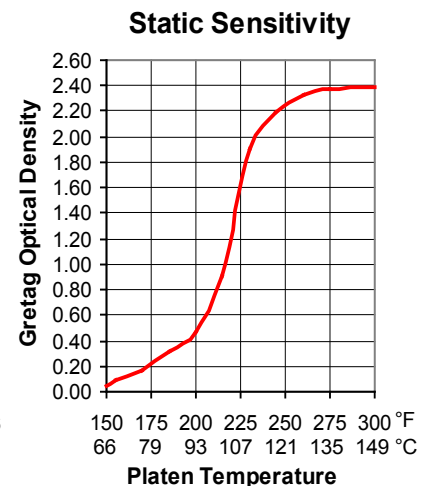
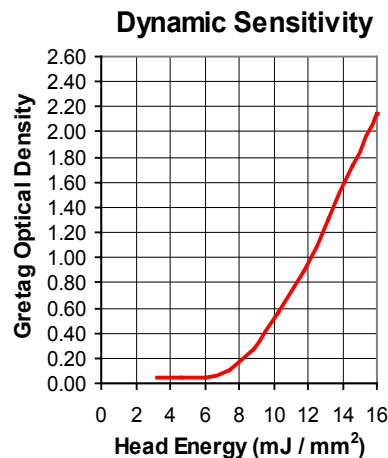
PRODUCT CHARACTERISTICS

PRELIMINARY DATA

Caliper (mils/ μ m)	10.1 \pm 0.1/254 \pm 2.5
Basis Weight	
17 x 22–500 (lbs)	74.4 \pm 4.7
g/m ²	279.7 \pm 13.8

Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	78
1.0 ODU	103
Maximum Density (ODU)	2.39
Temperature Required	141
Dynamic –Atlantek 400 (mJ/mm ²)	
0.2 ODU	8.5
1.0 ODU	12.2
Maximum Density (ODU)	2.14
Energy Required	16.0

Brightness (UV Included)	>88
Gurley Stiffness Nominal (mg)	MD 1021 CD 836
Elmendorf Tear Nominal (g)	MD 1266 CD 1600
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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