

# PolyTherm® 300-10.0

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

A high caliper, topcoated, synthetic thermal facestock 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

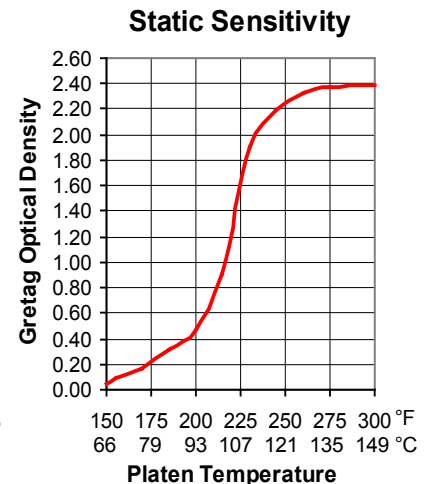
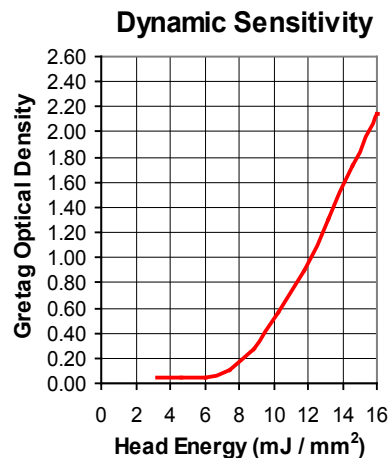
## PRODUCT CHARACTERISTICS

### PRELIMINARY DATA

|                                |                              |
|--------------------------------|------------------------------|
| Caliper (mils/ $\mu\text{m}$ ) | 10.1 $\pm$ 0.1/254 $\pm$ 2.5 |
| Basis Weight                   |                              |
| 17 x 22–500 (lbs)              | 74.8 $\pm$ 3.7               |
| g/m <sup>2</sup>               | 281.0 $\pm$ 14.1             |

|                                                    |      |
|----------------------------------------------------|------|
| Thermal Response - Nominal                         |      |
| <b>Static</b> ( $^{\circ}\text{C} \pm 5^{\circ}$ ) |      |
| 0.2 ODU                                            | 78   |
| 1.0 ODU                                            | 103  |
| Maximum Density (ODU)                              | 2.39 |
| Temperature Required                               | 141  |
| <b>Dynamic</b> —Atlantek 400 (mJ/mm <sup>2</sup> ) |      |
| 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<br>CD 836  |
| Elmendorf Tear Nominal (g)    | MD 1266<br>CD 1600 |
| Parker Print Smoothness       | <1.25              |



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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Data is for reference only. May be subject to alterations.



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