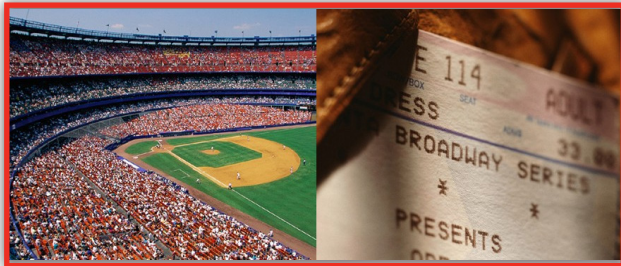


PolyTherm® 300-3.4

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

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

ENTERTAINMENT PRODUCTS



Key Features

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

Applications

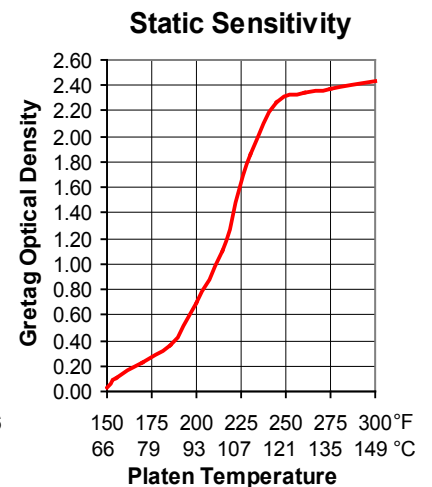
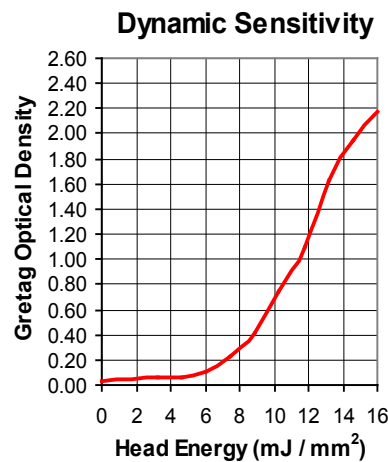
- Airline baggage tags
- Retail shelf labels
- Product labeling
- Industrial labels
- Parking violations
- Ski lift tickets

PRODUCT CHARACTERISTICS

| | |
|-------------------|----------------------|
| Caliper (mils/μm) | 3.40 ± 0.35/86.4 ± 9 |
| Basis Weight | |
| 17 x 22–500 (lbs) | 18.0 ± 1.0 |
| g/m ² | 67.8 ± 3.4 |

| | |
|--|------|
| Thermal Response - Nominal | |
| Static (°C ± 5°) | |
| 0.2 ODU | 75 |
| 1.0 ODU | 101 |
| Maximum Density (ODU) | 2.40 |
| Temperature Required | 149 |
| Dynamic —Atlantek 400 (mJ/mm ²) | |
| 0.2 ODU 5.1 | 7.2 |
| 1.0 ODU 6.9 | 11.5 |
| Maximum Density (ODU) | 2.17 |
| Energy Required | 16.0 |

| | |
|-------------------------------|----------------|
| Brightness (UV Included) | >90 |
| Gurley Stiffness Nominal (mg) | MD 39 CD 58 |
| Elmendorf Tear Nominal (g) | MD 34 CD 31 |
| 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.

Publication Date: June 2018 © 2018 Appvion Operations, Inc.
Data is for reference only. May be subject to alterations.



APPVION