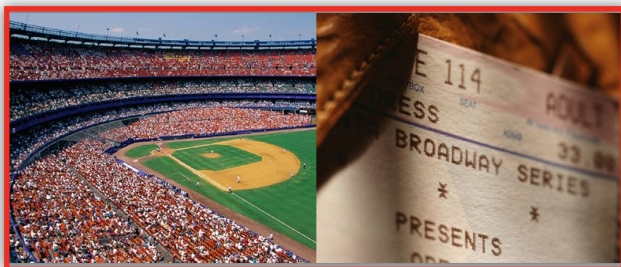


PolyTherm® 300-4.1

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

A 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

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

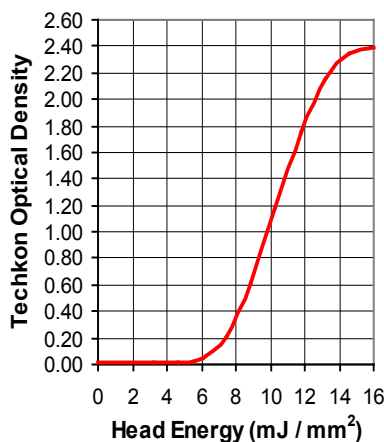
PRODUCT CHARACTERISTICS

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

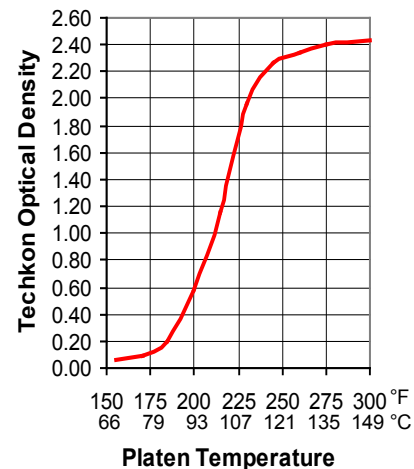
Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	82
1.0 ODU	102
Maximum Density (ODU)	2.43
Temperature Required	149
Dynamic -Atlantek 400 (mJ/mm ²)	
0.2 ODU 5.1	7.7
1.0 ODU 6.9	9.9
Maximum Density (ODU)	2.38
Energy Required	16.0

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

Dynamic Sensitivity



Static Sensitivity



Use of Appvion's thermal products in processing, equipment, end-use or other applications for which they were not intended voids all warranties.

Appvion has transitioned to the Techkon densitometer, from the Gretag densitometer, on December 3, 2019.

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



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