

PolyTherm® 600-4.0

THEME PARKS • SPORTING ARENAS • HUNTING/FISHING LICENSES • EXHIBITION CENTERS

A topcoated, synthetic thermal product with exceptional image performance and tear resistance. This product is exceptionally suited for hunting and fishing license applications.

ENTERTAINMENT PRODUCTS



PRODUCT CHARACTERISTICS

Caliper (mils/ μ m)	4.3 \pm 0.1/109.2 \pm 10
Basis Weight	
17 x 22-500 (lbs)	30.7 \pm 1.5
g/m ²	115.5 \pm 5.8

Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	71
1.0 ODU	89
Maximum Density (ODU)	2.28
Temperature Required	149
Dynamic -Atlantek 400 (mJ/mm ²)	
0.2 ODU	7.1
1.0 ODU	10.1
Maximum Density (ODU)	2.13
Energy Required	16.0

Brightness (UV Included)	>88
Gurley Stiffness Nominal (mg)	MD 64 CD 53
Elmendorf Tear Nominal (g)	MD 300 CD 605
Parker Print Smoothness	<1.30

Key Features

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

Applications

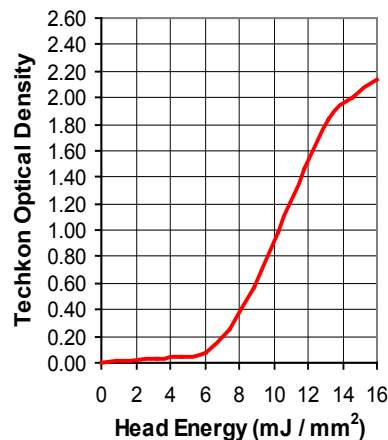
- Hunting/Fishing licenses
- Airline baggage tags
- Product labeling
- Industrial labels
- Parking violations

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

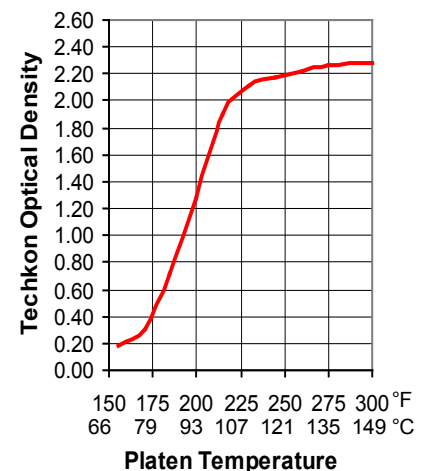
Appvion has transitioned to the Techkon densitometer, from the Gretag densitometer, on December 3, 2019.

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Dynamic Sensitivity



Static Sensitivity



APPVION