

PolyTherm® 600-6.0

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

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

ENTERTAINMENT PRODUCTS



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

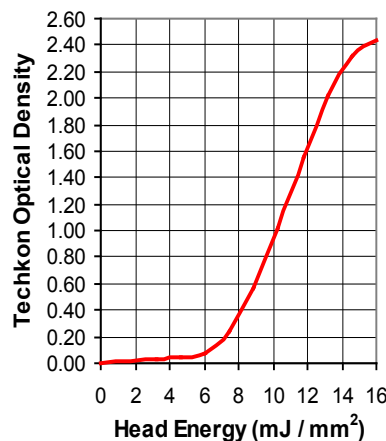
PRODUCT CHARACTERISTICS

Caliper (mils/ μ m)	6.3 \pm 0.3/160.0 \pm 8.0
Basis Weight	
17 x 22-500 (lbs)	45.5 \pm 2.3
g/m ²	171.0 \pm 8.6

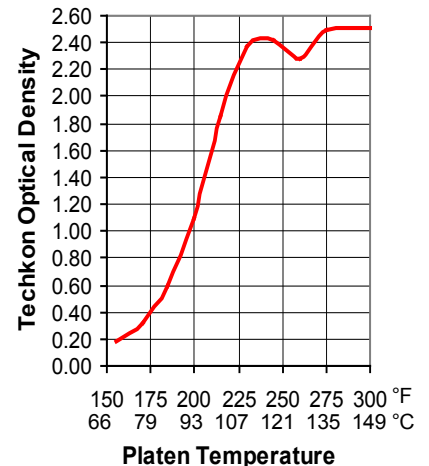
Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	67.8
1.0 ODU	36.6
Maximum Density (ODU)	2.51
Temperature Required	149
Dynamic -Atlantek 400 (mJ/mm ²)	
0.2 ODU	7.2
1.0 ODU	10.1
Maximum Density (ODU)	2.44
Energy Required	16.0

Brightness (UV Included)	>88
Gurley Stiffness Nominal (mg)	MD 207 CD 177
Elmendorf Tear Nominal (g)	MD 470 CD 666
Parker Print Smoothness	<1.30

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.

Publication Date: November 2019 © 2019 Appvion Operations, Inc. Data is for reference only. May be subject to alterations.



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