

HeatSafe® 800-7.7

THEME PARKS • SPORTING ARENAS • MUSEUMS • EXHIBITION CENTERS

A heat stable, high caliper, high sensitivity topcoated and backcoated direct thermal ticket product. This product provides long life images and legibility in hot environments. Unique backside coating provides superior press printing performance for high impact graphics.

ENTERTAINMENT PRODUCTS



Key Features

- Topcoated for high resistance
- Image stability in hot environments
- High sensitivity for fast print speeds and rich, dark, 300-dpi images
- Backcoated for superior press printing performance and high impact graphics
- Works with all barcode orientations
- High caliper for quality feel and stiffness

Applications

- Theater tickets
- Cinema tickets
- Sporting event tickets
- Amusement park tickets
- Bus/rail tickets

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 densitometers, 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.

PRODUCT CHARACTERISTICS

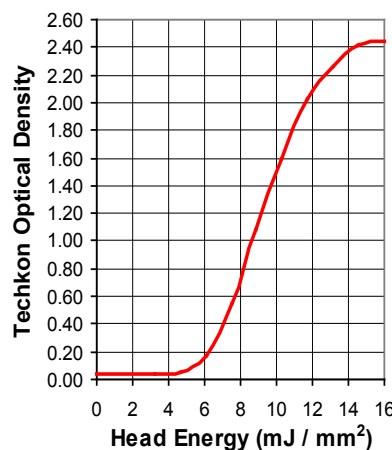
PRELIMINARY DATA

Caliper (mils/μm)	7.85 ± 0.60/199 ± 10
Basis Weight	
17 x 22–500 (lbs)	52.2 ± 2.7
g/m ²	196.2 ± 9.9

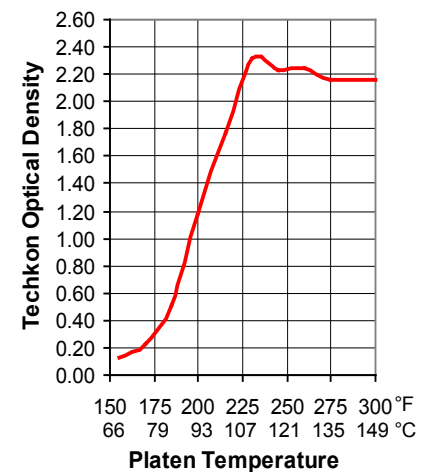
Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	75
1.0 ODU	89
Maximum Density (ODU)	2.2
Temperature Required	127
Dynamic –Atlantek 400 (mJ/mm ²)	
0.2 ODU	6.1
1.0 ODU	8.5
Maximum Density (ODU)	2.40
Energy Required	16.0

Brightness (UV Included)	>80
Gurley Stiffness Nominal (mg)	MD 1500
	CD 840
Elmendorf Tear Nominal (g)	MD 125
	CD 155
Tensile Nominal (lbs/in)	MD 77
Parker Print Smoothness	<1.20

Dynamic Sensitivity



Static Sensitivity



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