

PolyTherm® Hotmelt 300-4.1

PHARMACY • MANUFACTURING • FOOD PACKAGING • WAREHOUSING

A topcoated, synthetic, thermal label facestock with high durability and resistance properties. Back coating Ideal for preventing adhesive migration with certain hotmelt formulations as well as other general use applications.

SYNTHETIC LABEL FACESTOCK



Key Features

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

Applications

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

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.

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

PRODUCT CHARACTERISTICS

PRELIMINARY DATA

Caliper (mils/μm)	4.1 ± 0.4-0.3/104 ± 10
Basis Weight	
17 x 22-500 (lbs)	21.8 ± 1.1
g/m ²	85.0 ± 4.25

Thermal Response - Nominal

Static (°C ± 5°)

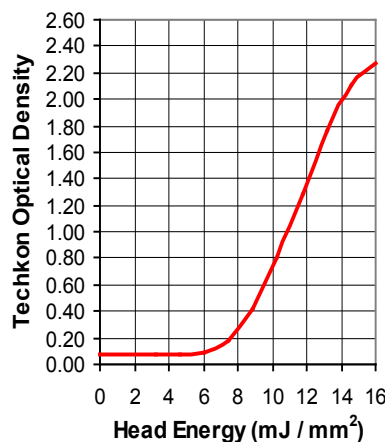
0.2 ODU	79
1.0 ODU	100
Maximum Density (ODU)	2.41
Temperature Required	149

Dynamic-Atlantek 400 (mJ/mm²)

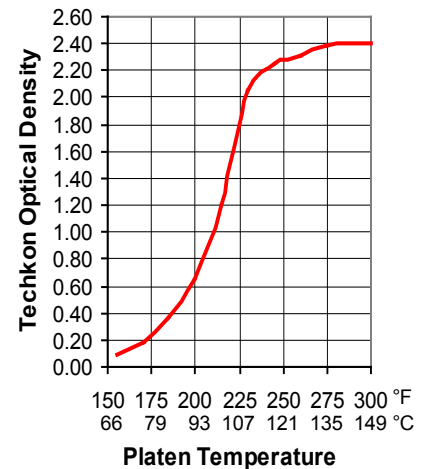
0.2 ODU	7.7
1.0 ODU	10.8
Maximum Density (ODU)	2.27
Energy Required	16.0

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



APPVION