

# PolyTherm® Hotmelt

## 300-3.4

PHARMACY • MANUFACTURING • FOOD PACKAGING • WAREHOUSING

A topcoated and back-barrier coated, synthetic, thermal label facestock with exceptional strength, smoothness and resistance. Back coating ideal for preventing adhesive migration with certain hotmelt formulations and other general use applications.

## SYNTHETIC LABEL FACESTOCK



## Key Features

- Lightweight, 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

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

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

## PRODUCT CHARACTERISTICS

### PRELIMINARY DATA

Caliper (mils/ $\mu$ m)	3.40 $\pm$ 0.30/86.4 $\pm$ 9
Basis Weight	
17 x 22-500 (lbs)	18.8 $\pm$ 1.0
g/m <sup>2</sup>	70.6 $\pm$ 3.7

#### Thermal Response - Nominal

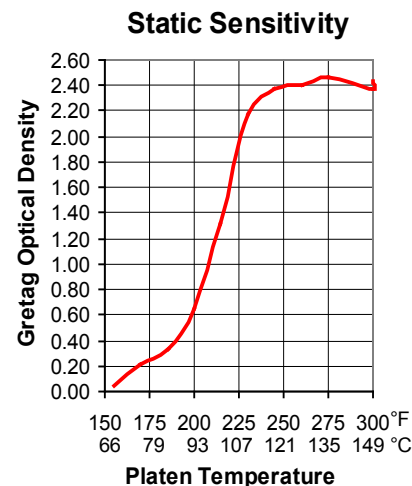
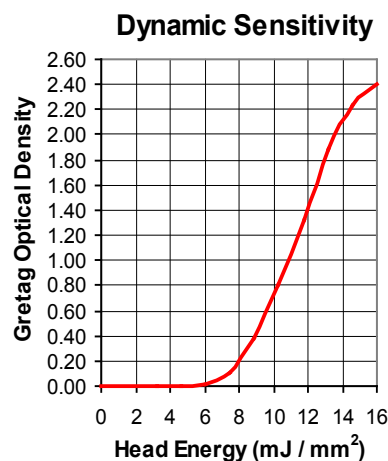
##### Static ( $^{\circ}$ C $\pm$ 5 $^{\circ}$ )

0.2 ODU	79
1.0 ODU	99
Maximum Density (ODU)	2.46
Temperature Required	275

##### Dynamic - Atlantek 400 (mJ/mm<sup>2</sup>)

0.2 ODU	8.0
1.0 ODU	11.3
Maximum Density (ODU)	2.40
Energy Required	16.0

Brightness (UV Included)	>90
Gurley Stiffness Nominal (mg)	MD 39 CD 58
Elmendorf Tear Nominal (g)	MD 34 CD 31
Parker Print Smoothness	<1.50



# APPVION