

PolyTherm® HHW 180-3.0

FOOD PACKAGING • FOOD PROCESSING • HEALTHCARE

UNDER DEVELOPMENT

A medium sensitivity, heat resistant, direct thermal label face stock designed for short-term immersion in high heat and high humidity environments.

SYNTHETIC LABEL FACE STOCK



Key Features

- Topcoated thermal label facestock
- Ideal for hot, humid environments and extreme temperature changes
- 180 sensitivity (standard)
- White opaque BOPP film

Applications

- Hot water processing labels
- Food preparation (Sous vide or boiling water)
- Industrial kitchens
- Carcass tags
- Healthcare and medical laboratory labels

*Data listed are preliminary values based on initial production. Final values will be published at a later date.

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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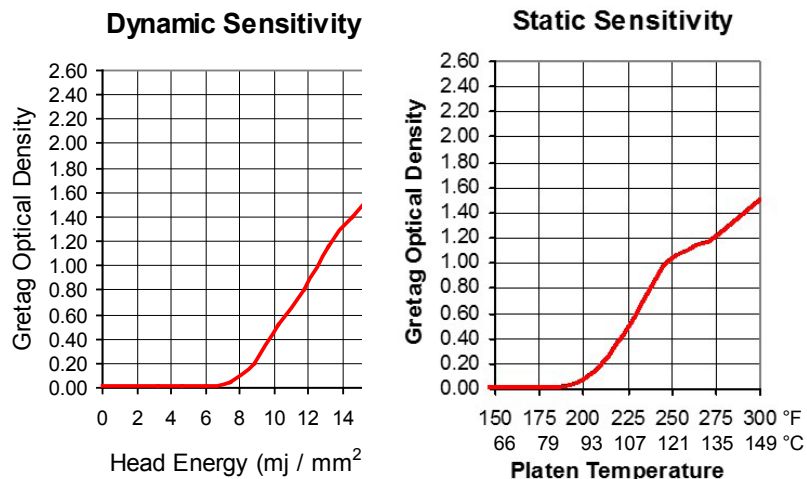
PRODUCT CHARACTERISTICS

*PRELIMINARY DATA

Caliper (mils/ μ m)	3.0 \pm 0.35/104 \pm 10.0
Basis Weight	
17 x 22-500 (lbs)	15.8 \pm 0.8
g/m ²	59.4 \pm 3.0

Thermal Response - Nominal	
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	93
1.0 ODU	114
Maximum Density (ODU)	1.76
Temperature Required	149
Dynamic -Atlantek 400 (mj/mm ²)	
0.2 ODU	9.0
1.0 ODU	12.6
Maximum Density (ODU)	1.60
Energy Required	16.0

Brightness (UV Included)	>90
Elmendorf Tear Nominal (g)	CD 120 MD 44 CD 37
Parker Print Smoothness	<1.10



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