

PolyTherm® 300-4.1

PHARMACY • MANUFACTURING • FOOD PACKAGING • WAREHOUSING

A topcoated, synthetic thermal label facestock with exceptional smoothness and resistance.

SYNTHETIC LABEL FACESTOCK



Key Features

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

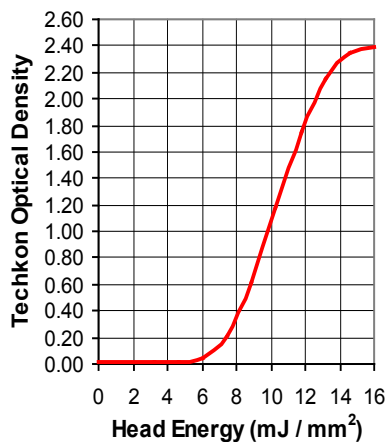
PRODUCT CHARACTERISTICS

| | |
|-------------------|------------------------|
| Caliper (mils/μm) | 4.1 ± 0.4-0.3/104 ± 10 |
| Basis Weight | |
| 17 x 22-500 (lbs) | 21.9 ± 1.1 |
| g/m ² | 82.1 ± 4.0/-4.2 |

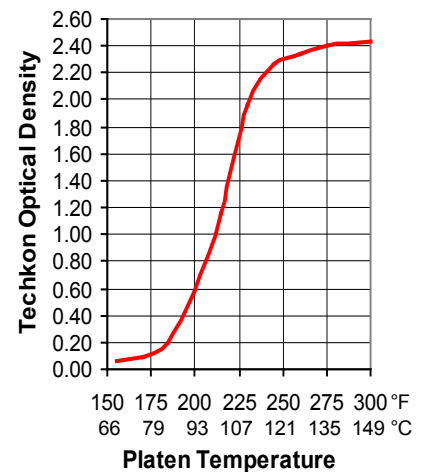
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|--|------|
| Thermal Response - Nominal | |
| Static (°C ± 5°) | |
| 0.2 ODU | 82 |
| 1.0 ODU | 102 |
| Maximum Density (ODU) | 2.43 |
| Temperature Required | 149 |
| Dynamic -Atlantek 400 (mJ/mm ²) | |
| 0.2 ODU | 7.7 |
| 1.0 ODU | 9.9 |
| Maximum Density (ODU) | 2.38 |
| 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