

PolyTherm® E Clear 300-3.3

Synthetic Facestock



PolyTherm® E Clear is a top-coated synthetic direct thermal facestock offering exceptional durability, high resistance properties, clear-on-package aesthetics, and consistent bar code scannability.

Key Features

- Polypropylene film base for strong, flexible durability
- Highly durable to resist tearing and abrasion
- Environmental resistance to chemicals, UV, and temperature
- Excellent resistance to water, alcohol and plasticizers
- Made with our EarthChem™ chemistry with no added phenols

Applications

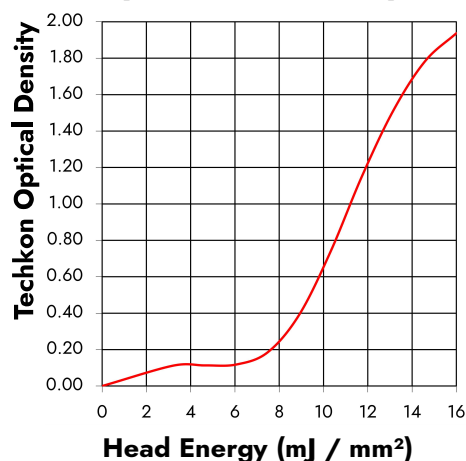
- Retail shelf pricing
- Grocery store pricing
- Addressing
- Garment identification
- Translucent applications



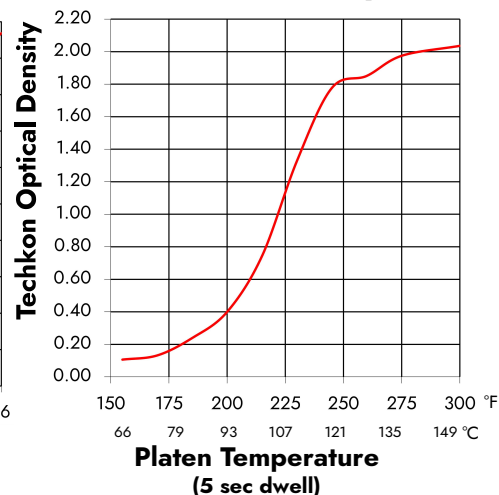
Product Characteristics

Caliper (mils/ μm)	$3 \pm 0.3/76 \pm 7.6$
Basis Weight 17 x 22—500 (lbs) g/m ²	18.8 ± 1 69.1 ± 3.5
Thermal Response - Nominal Static ($^{\circ}\text{C} \pm 5^{\circ}$) Initial 0.2 ODU Functional 1.0 ODU Maximum 2.0 ODU	82°C 106°C 139°C
Dynamic—Atlantek 400 (mJ/mm ²) Initial 0.2 ODU Functional 1.0 ODU Maximum 1.9 ODU	7.7 11.2 15.6
Brightness (UV Excluded)	>86
Gurley Stiffness Nominal (mg)	MD 36 CD 59
Elmendorf Tear Nominal (g)	MD 34 CD 24
Parker Print Surface	<1.8

Dynamic Sensitivity



Static Sensitivity



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