

PolyTherm® E 6.0

Synthetic Tag Stock



PolyTherm® E 6.0 is a premium topcoated synthetic direct thermal tag facestock engineered for exceptional image performance, outstanding tear resistance, and long-lasting durability. Designed to excel in demanding environments, it is ideally suited for hunting and fishing licenses, industrial tags, and other applications where reliable performance is critical.

Key Features

- Made with our EarthChem™ chemistry with no added phenols
- Dark, high-Contrast image performance
- Superior tear, water & environmental resistance
- Durable polypropylene film construction

Applications

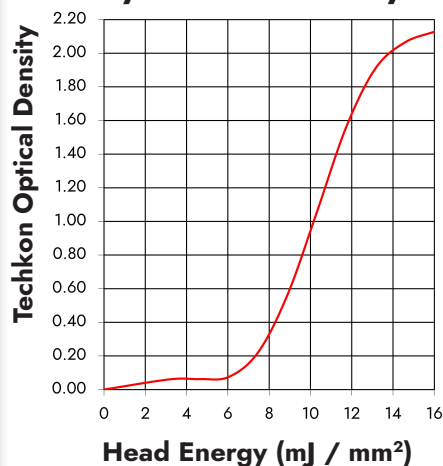
- Hunting and fishing licenses
- Airline baggage tags
- Product labeling
- Industrial labels
- Parking violations



Product Characteristics — Preliminary Data

Caliper	6 ± 0.4/152.4 ± 5
Basis Weight	
17 x 22–500 (lbs)	34.1 ± 1.7
g/m ²	128.2 ± 6.4
Thermal Response - Nominal	
Static (°C ± 5°)	
Initial 0.2 ODU	82° C
Functional 1.0 ODU	99° C
Maximum 2.2 ODU	121° C
Dynamic—Atlantek 400 (mJ/mm²)	
Initial 0.2 ODU	7.3
Functional 1.0 ODU	10.1
Maximum 2.1 ODU	15.2
Brightness (UV Included)	>77
Gurley Stiffness Nominal (mg)	MD 250 CD 431
Elmendorf Tear Nominal (g)	MD 63 CD 31
Parker Print Surface	<1.6

Dynamic Sensitivity



Static Sensitivity

