

PolyTherm®

190 - 4.1

A topcoated, synthetic direct thermal label facestock with high-durability and resistance properties, as well as controlled bar width growth for high-energy printers only.

SYNTHETIC LABEL FACESTOCK



KEY FEATURES

- Synthetic base (BOPP film)
- High strength and durability
- Controlled bar width growth
- Water resistance
- Excellent environmental resistance
- Rich, dark images and codes

APPLICATIONS

- Airline baggage tags

PRODUCT CHARACTERISTICS

Caliper (mils/μm)	4.09 ± 0.35/104 ± 10.0
Basis Weight	
17 x 22—500 (lbs)	21.8 ± 0.8
g/m ²	82.0 ± 3.0
Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	88
1.0 ODU	106
Maximum Density (ODU)	2.4
Temperature Required	149
Dynamic—Atlantek 400 (mj/mm ²)	
0.2 ODU	8.0
1.0 ODU	11.7
Maximum Density (ODU)	2.1
Energy Required	16.0
Brightness (UV Included)	>83
Gurley Stiffness Nominal (mg)	MD 79 CD 120
Elmendorf Tear Nominal (g)	MD 44 CD 37
Parker Print Surface	<1.10

