

Alpha[®] Free



Label Facestock



Key Features

- Made with our patent-pending phenol-free direct thermal chemistry
- Low-caliper for longer roll lengths
- Lower basis weight reduces freight costs
- Good imaging for short life expectancy

Applications

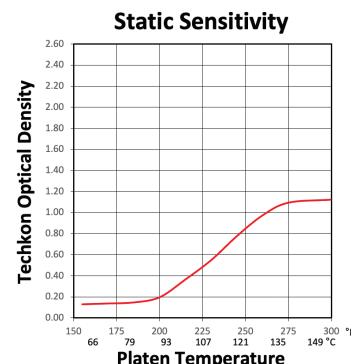
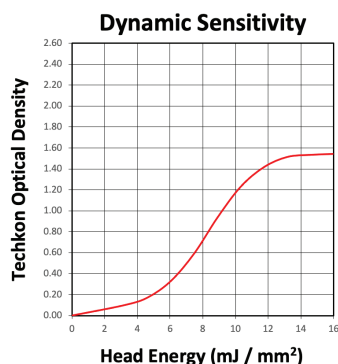
- Retail Market
- Gas Stations
- Supermarket



Alpha Free is a point of purchase and specialty retail grade with good imaging characteristics. This low-caliper product has a white backside, making it suitable for flexographic printing for both front and back.

Product Characteristics – Provisional Data

Caliper	2.2 ± 0.12 mils 55.88 ± 3 µm
Basis Weight	17 x 22—500 (lbs) g/m ² 13.5 ± 0.7 50.6 ± 2.48
Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	93° C
Maximum Density (ODU)	1.12
Temperature Required	141° C
Dynamic—Atlantek 400 (mj/mm²)	
0.2 ODU	5.0
1.0 ODU	9.7
Maximum Density (ODU)	1.5
Energy Required	14.6
Brightness (UV Excluded)	>85
Gurley Stiffness Nominal (mg)	MD 23 CD 8
Elmendorf Tear Nominal (g)	MD 30 CD 35
Tensile (lbs/in)	MD 20 CD 8
Parker Print Surface	<1.6



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