

CleanSlate™ Film E

Part of the EarthChem™ Portfolio



LONG-TERM INDOOR & OUTDOOR APPLICATIONS • INDUSTRIAL APPLICATIONS



Environmental Durability

High level of resistance to sunlight. A varnish is recommended for increased resistance to water.



Heat Stability

Heat stable for 24 hours, up to 165 degrees Fahrenheit.



Fade-Proof Image

The new image is permanent, with no fade from UV lighting and humidity.



Easily switch to this revolutionary product hassle-free!

For direct thermal users that value dependable and fade-proof images, Appvion's CleanSlate™ Film E enhances traditional direct thermal performance by delivering expanded environmental durability and heat stability for indoor and outdoor applications. CleanSlate™ is made with a nonreactive chemistry, making it free from BPA and BPS. It can be used in standard direct thermal printers for pressure-sensitive labels and ticket and tag applications.



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CleanSlate™ Film E



Label Facestock



Key Features

- Higher level of environmental resistance to direct sunlight, humidity, and heat
- Made without chemical developers (BPA, BPS, and other phenols)
- Permanent image that will not fade
- Compatible with standard thermal printers

Applications

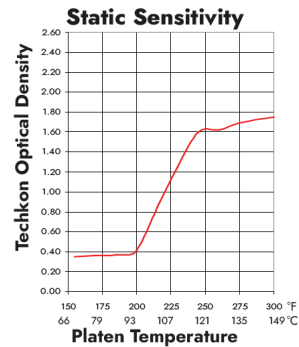
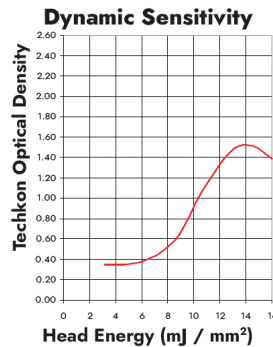
- Long-term indoor and outdoor applications
- Industrial applications
- Horticulture



A direct thermal film technology that delivers environmental durability and heat stability for indoor and outdoor applications made with more natural components.

Product Characteristics – Preliminary Data

Caliper (mils/μm)	3.1 ± 0.34 78.7 ± 7.8
Basis Weight 17 x 22 – 500 lbs g/m ²	15.8 ± .80 59.5 ± 3.0
Thermal Response - Nominal	
Static (°C ± 5°)	
0.4 ODU	86° C
1.0 ODU	106 C
Maximum Density (ODU)	1.75
Temperature Required	149° C
Dynamic—Atlantek 400 (mj/mm ²)	
Initial Printer Energy 0.4 ODU	6.0
1.0 ODU	10.3
Maximum Density (ODU)	1.5
Energy Required	14.5
Brightness (UV Excluded)	>45
Gurley Stiffness Nominal (mg)	MD 27 CD 39
Elmendorf Tear Nominal (g)	MD 27 CD 20
Parker Print Surface	<1.40



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