

# Dispersible E

The world's first phenol-free direct thermal label that disperses entirely in water and other aqueous solutions!



Full Dispersion



Better Contrast



Sustainable Chemicals



Appvion provides direct value to you through innovative, high-performing, sustainable products. As an Appvion partner, you'll create a better tomorrow while out-performing competition.



APPVION

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# Dispersible E



## Label Facestock



## Key Features

- Patent-pending dispersible direct thermal technology
- Made with our patent-pending phenol-free direct thermal chemistry
- Perfect solution for short-term identification and food safety tracking
- Full dispersion at any temperature
- Clear, crisp, and easy to read image
- Excellent dry strength and runability
- Product completely washes away, leaving no residue behind
- Eliminates time spent removing labels, reducing labor costs

## Applications

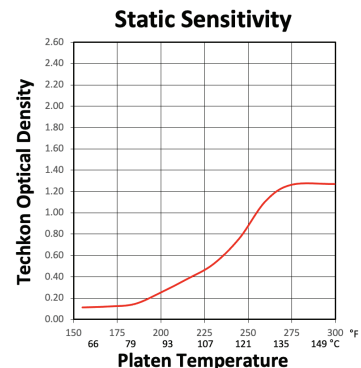
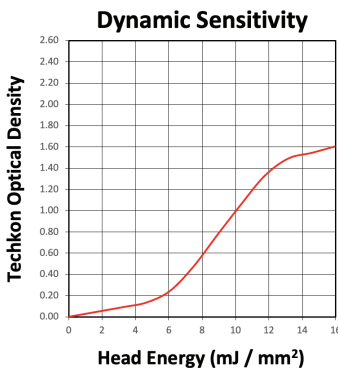
- Food rotation/inventory (FIFO)
- Reusable containers
- Food storage containers
- Laboratory glassware



Appvion's Dispersible E is the world's first phenol-free direct thermal label solution that entirely disperses in water and other aqueous solutions.

## Product Characteristics – Provisional Data

<b>Caliper</b>	3.15 ± 0.3 mils 84 ± 8 µm
<b>Basis Weight</b> 17 x 22—500 (lbs) g/m <sup>2</sup>	18.6 ± 1 69.7 ± 3.5
<b>Thermal Response - Nominal</b>	
<b>Static (°C ± 5°)</b>	
0.2 ODU	89° C
Maximum Density (ODU)	1.26
Temperature Required	135° C
<b>Dynamic—Atlantek 400 (mj/mm<sup>2</sup>)</b>	
0.2 ODU	5.6
1.0 ODU	10
Maximum Density (ODU)	1.6
Energy Required	16
<b>Brightness (UV Excluded)</b>	>80
<b>Gurley Stiffness Nominal (mg)</b>	MD 62 CD 22
<b>Elmendorf Tear Nominal (g)</b>	MD 28 CD 44
<b>Tensile (lbs/in)</b>	MD 19 CD 5.5
<b>Parker Print Surface</b>	<2.3



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