Royale 800 - 4.5

A premium gaming ticket grade, Royale 800 - 4.5 is ideal for applications requiring high image performance and durability. It offers rich, dark thermal imaging that results in superior scanning. The thermal image of this product will remain legible for at least 20 years if maintained at the recommended conditions.*

GAMING PRODUCTS

KEY FEATURES

- Topcoated for resistance
- Press printable on front and back
- 800-sensitivity
- Excellent bar code scanning
- Quality feel and stiffness for coinless gaming and vertical ticket issue
- Good fan-folding characteristics

APPLICATIONS

- Coinless slot tickets
- Tote/wagering tickets

PRODUCT CHARACTERISTICS

Caliper (mils/µm)	4.35 ± 0.20/110 ± 5
Basis Weight	
17 x 22—500 (lbs)	26.2 ± 1.3
g/m2	98.5 ± 4.9
Thermal Response - Nominal	
Static (°C ± 5°)	
0.2 ODU	68
1.0 ODU	85
Maximum Density (ODU)	2.10
Temperature Required	115
Dynamic—Atlantek 400 (mJ/mm2)	
0.2 ODU	5.1
1.0 ODU	6.9
Maximum Density (ODU)	2.00
Energy Required	12.0
Brightness (UV Included)	>77
Gurley Stiffness Nominal (mg)	MD 220
	CD 115
Elmendorf Tear Nominal (g)	MD 72
	CD 85
Tensile (lbs/in)	MD 32
	CD 16
Parker Print Surface	<1.50

Dynamic Sensitivity

Techkon Optical Density vs. Head Energy (mJ / mm²)

Static Sensitivity

Techkon Optical Density vs. Platen Temperature

APPVION