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# HIGH PERFORMANCE VpCI® PACKAGING

## EcoShield® Heat Sealable Paper



### TYPICAL PROPERTIES

Property	TAPPI	Unit	EcoShield® N45 Paper
Basis Weight	T-410	lb/3,000 (g/m <sup>2</sup> )	39±1 (64±2)
Base Stock	T-410	lb/3,000 (g/m <sup>2</sup> )	37 (60)
Caliper	T-411	Mil (µm)	3.5±0.5 (89±12)
Brightness	T-452	%	92
Seal Strength	ASTM F88-99	lb/in (N/25.4mm)	1.2 ±0.3 (5.2±1.3)

### DESCRIPTION

EcoShield® Heat Sealable Paper is a packaging product coated with a water based heat sealable adhesive coating. Seams formed from properly sealed product (heated with coated sides together) forms a bond stronger than the paper.

EcoShield® Heat Sealable Paper is fully repulpable and can readily be recycled.

### TYPICAL APPLICATIONS

EcoShield® Heat Sealable Paper can be used to manufacture envelopes and bags. A heat seal temperature of ≥ 250°F (120°C) is recommended. Seal time may vary with specific sealing equipment.

### FEATURES

- Fully recyclable (repulpable)
- Non-toxic, environmentally friendly
- Forms strong permanent bond between coated surfaces
- Printable

### STANDARD TEST METHODS

TAPPI T-410	Basis Weight
TAPPI T-411	Caliper
TAPPI T-452	Brightness of pulp, paper, and paperboard
ASTM F88-99	Seal strength of flexible barrier materials

### PACKAGING AND STORAGE

EcoShield® Paper is available in a 600' (182.88 meters) stock rolls, 36" or 48" wide (1-1.22 meters).

Custom sizes up to 68" wide (1.73 meters), and construction are available upon request.