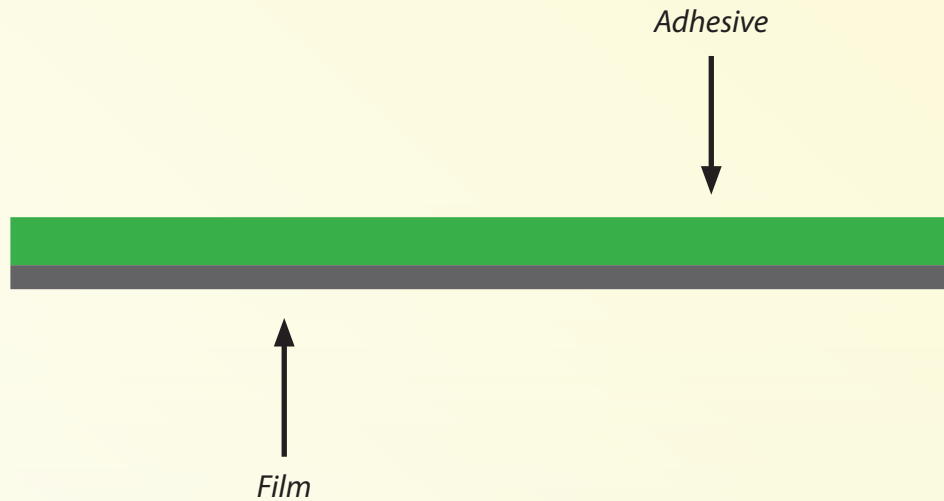




CARTON SEALING TAPES

PRODUCT INFORMATION SALES GUIDE

PRESSURE SENSITIVE TAPE



Four Types of Adhesive

- *Water-Based Acrylic*
- *Solvent-Based Acrylic*
- *Hot Melt (Synthetic Rubber)*
- *Natural Rubber*

Three Types of Film

- *Polypropylene*
- *PVC*
- *Polyester*

ADHESIVE IDENTIFICATIONS

Water-Based Acrylic

- *Clarity*
- *Adhesive to Adhesive Test*
- *Firm release*
- *Sweet Smell (normally)*

Solvent-Based Acrylic

- *Clarity*
- *Adhesive to Adhesive Test*
- *Firm release*
- *Strong acid smell*

Hot Melt

- *Easier release*
- *Adhesive to Adhesive Test*
- *Burnt smell*

Natural Rubber

- *Brown Tinted Color for clear*
- *Easier release*
- *Smells Like Rosin*

FILMS

Polypropylene

- *Most commonly used film for carton sealing tapes*
- *Lower manufacturing costs*
- *High elongation*
- *Used with all types of adhesives*

U PVC

- *Minimal elongation*
- *Natural Rubber adhesive only*
- *Mid-priced*
- *Hard release*

Polyester

- *Expensive*
- *Moderate elongation*
- *Excellent for heavy duty applications*
- *Higher tensile strength*

TAPE THICKNESS

1.6 Mil

- *Economical*
- *Light-duty*
- *Normally available in Acrylic & Hot Melt*

1.7 Mil

- *Normally found in Acrylic tape*
- *Light-duty carton sealing tape*
- *Normally same adhesive coating weight as 1.8 mil but thinner film*

1.8 Mil

- *Normally found in Acrylic tape*
- *General purpose*

1.9 Mil

- *Normally found in Hot Melt tape*
- *General purpose carton sealing tape*
- *Stronger and more aggressive than 1.7 Mil tape*

2.0 Mil

- *Normally found in Acrylic & Natural Rubber tapes*
- *General purpose carton sealing tape*
- *Stronger and more aggressive than 1.8 Mil tape*

2.6 Mil

- *Heavy duty carton sealing tape*
- *Normally found in Acrylic & Hot Melt adhesive tapes*

3.0 & 3.5 Mil

- *Extra heavy duty carton sealing tape - 55 yard put-up*
- *Normally found in Acrylic adhesive tape*

ADHESIVES

STRENGTHS AND WEAKNESSES

Water-Based Acrylic

Strengths	Weaknesses
<i>Firm unwind</i>	<i>Long set-up time</i>
<i>Excellent aging resistance</i>	<i>Low moisture resistance</i>
<i>Wide temperature range</i>	<i>Lacks tacky feel</i>
<i>Excellent clarity</i>	
<i>U.V. stable</i>	
<i>Freezer application</i>	

Hot Melt

Strengths	Weaknesses
<i>Strong tack</i>	<i>Poor tack below freezing</i>
<i>Fast tack</i>	<i>U.V. degrades adhesive</i>
<i>High bonding power</i>	<i>Possible high temperature failure</i>
<i>Excellent for A.T.M.'s</i>	<i>Shorter shelf life</i>
<i>Easier release</i>	

Solvent-Based Acrylic

Strengths	Weaknesses
<i>Best aging resistance</i>	<i>Unpleasant smell</i>
<i>Wide temperature range</i>	<i>Questionable for indirect food contact</i>
<i>Won't turn yellowish</i>	<i>Highly polluting during manufacturing process</i>
<i>Excellent clarity</i>	<i>Expensive</i>
<i>U.V. stable</i>	
<i>Good moisture resistance</i>	
<i>Freezer application</i>	

Natural Rubber

Strengths	Weaknesses
<i>Premium carton sealing</i>	<i>May change color</i>
<i>Quick tack</i>	<i>Susceptible to U.V. light</i>
<i>Absorbs dust</i>	<i>Expensive</i>
<i>Excellent in cold environments</i>	<i>Lacks tacky feel</i>
<i>Excellent in hot environments</i>	
<i>Moisture resistant</i>	

Best for:

- Recycled cartons*
- Heavily printed cartons*
- Rough corrugated surfaces*

WATER ACTIVATED TAPES

NON-REINFORCED & REINFORCED

NON-REINFORCED GUM TAPE

- Available in natural and #3 white
- Paper weight - 160 Medium Duty - Approximately 57 lbs. (Most Common)
- Adhesive - starch based

Strengths

Recyclable
Blends with carton
Custom print up to two colors
Unaffected by dust or humidity
Wide temperature range
Works well on recycled cartons
Enhances carton appearance
Aggressive bond
Protection - when opened leaves broken seal

Weaknesses

Needs machine
Non-mobilized dispensing

REINFORCED WATER ACTIVATED TAPE

- Available in natural and #3 white
- Top sheet - Kraft paper
- Medium - fiberglass strands (vertically & bi-directional)
- Bottom sheet - Kraft paper with starch based adhesive

Paper Grades & Weights

COBRA
Standard Grade
Top 25 lbs.
Bottom 20 lbs.

PAKMAN
Heavy Duty
Top 30 lbs.
Bottom 25 lbs.

Stock Widths:

70mm (2.75"), 3"

Strengths

Secure bond
Superior strength
Blends with box
Custom printable
Recyclable
Enhances carton appearance
Fast application
Not affected by dust or humidity
Pilferage proof
Reduces damage claims
Works on "all" corrugated cartons
Great for under and over stuffed cartons

Weaknesses

Needs machine
Non-mobilized dispensing