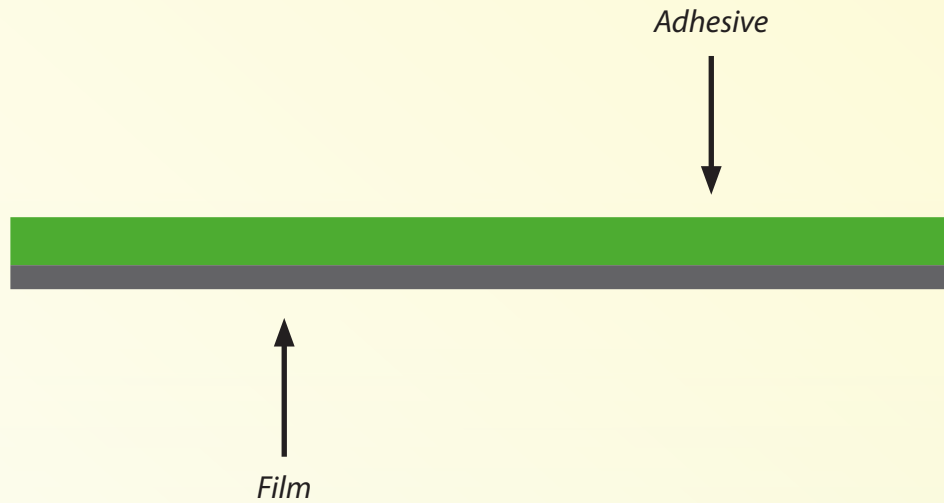




CARTON SEALING TAPES

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)*

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

Acrylic

Strengths

Firm unwind
Best aging resistance
Wide temperature range
Excellent clarity
U.V. stable
Freezer application

Weaknesses

Long set-up time
Low moisture resistance
Lacks tacky feel

Hot Melt

Strengths

Strong tack
Fast tack
High bonding power
Excellent for A.T.M.'s
Easier release

Weaknesses

Poor tack below freezing
U.V. degrades adhesive
Possible high temperature failure
Shorter shelf life

Natural Rubber

Strengths

Premium carton sealing
Quick tack
Absorbs dust
Excellent in cold environments
Excellent in hot environments
Moisture resistant

Weaknesses

May change color
Susceptible to U.V. light
Expensive
Lacks tacky feel

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