



SGS U.S. Testing Company Inc.

291 FAIRFIELD AVENUE  
FAIRFIELD, NJ 07004  
TEL: 973.575.5252  
FAX: 973.575.8271

<b>Test Report No:</b>	<b>134992-1</b>	<b>Date:</b>	<b>5 JUNE 2000</b>
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**BETTER PACKAGES/ASCOM HASLER**

225 Canal Street  
Shelton, CT 06484  
Attn: Mike Daddona

**SAMPLE DESCRIPTION:** One (1) sample 2" 3M 375 poly tape and one (1) sample 3" Central Brand reinforced paper tape

**DATE OF RECEIPT:** 1 June 2000

**TEST PERIOD:** 2 - 5 June 2000


**TEST(S) REQUESTED:** The time was measured to seal the tops and bottoms of 100 corrugated fibreboard shippers, and the number of strips of tape required was determined. In addition, the boxes were checked for the integrity of the closure.

**TEST RESULTS:** See "Results", page 2

**REVIEWED BY:**

  
G. KEHAYA  
LABORATORY TECHNICIAN

**SIGNED FOR THE COMPANY BY:**

  
C.R. ROBERTI, CPP  
MANAGER, PAPER & PACKAGING

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**RESULTS OF TESTS**

**Box Setup**

The time was measured to set up and seal 100 corrugated shippers measuring 20" x 15-7/8" x 13-3/4", OD. The number of strips required to the job was determined. The ideal number of strips required is 200.

A Better Pack® tape automatic tape dispenser was used for the 3" RPT, which dispensed a 27" strip each time.

A hand held tape applicator was used to dispense the 2" poly tape, which dispensed a strip 27" – 30".

Upon completion of the sealing exercise, the boxes were tested for ease of pilferage by pressing down on the top flaps at the center of the boxes near the taped seam, to determine if the seal could be broken.

	Paper Tape	Poly Tape
Number of strips to close	200	230
Time required	48:17	55:55
Number of pilferable cartons	0	99

It was noted that it required 16% more time to seal the boxes with poly tape than paper tape, and 15% more poly tape was required to complete the task.

In the pilferage test, 99% of the boxes sealed with poly tape could be easily opened by pressing down along the taped seam. The poly tape separated from the fibreboard with little or no fibre pull, and could be resealed with little to no visual evidence of the package being opened. When sealing partially filled cartons, this characteristic could allow for easy pilferage of articles from the carton.

When testing the boxes sealed with paper tape, they could not be opened in the same manner. The integrity of the closure remained intact.

We trust the results will prove useful and informative. Should you have any questions, please feel free to contact us.

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END OF REPORT