

# HP 450



## CUSTOM-PRINTED, HIGH PERFORMANCE GRADE HOT MELT PACKAGING TAPE

### TYPICAL APPLICATIONS

- For manual or automated industrial carton sealing of large, bulky or heavy content cartons
- For use in higher speed, critical closure applications
- For use in moderate to severe handling environments

### PRODUCT FEATURES

- Custom-printed to prevent pilferage and allow personalization of outgoing cartons
- Extra high bonding strength and holding power for a long-lasting, secure seal
- Instant, permanent bond to a wide range of substrates and surfaces
- Special release coating for consistent, low force unwind off the roll
- Performs reliably to the core for efficient tape consumption

### CONSTRUCTION

Overall Grade/Function: High Performance

Backing: 40 micron cast biaxially oriented polypropylene film

Adhesive: Synthetic rubber/resin hot melt

### STANDARD WIDTH(S)

48 mm      72 mm

### STANDARD LENGTH(S)

100 m      914 m

Contact your Shurtape sales representative for other available sizes

### STANDARD CORE SIZE

3 in

### APPLICABLE STANDARDS

ASTM D1974/D1974M-16; CID A-A-1684C; FDA Indirect Contact CFR 21, 175.105

### COLOR(S)



**MULTIPLE COMBINATIONS**

### PHYSICAL PROPERTIES

	STANDARD	METRIC
Thickness	2.5 mils	0.064 mm
Tensile Strength (Longitudinal)	33 lbs/in width	57.8 N/10 mm
Tensile Strength (Transverse)	58 lbs/in width	101.6 N/10 mm
Elongation	150%	150%
Adhesion to Stainless Steel	54 oz/in width	5.91 N/10 mm
Holding Power to Fiberboard	35,000+ minutes	35,000+ minutes
Application Temperature Range	35 F to 110 F	2 C to 43 C
Service Temperature Range	-20 F to 150 F	-29 C to 66 C

Physical and performance characteristics shown above are obtained from tests recommended by PSTC, ASTM, government agencies or Shurtape Technologies, LLC, Quality Assurance and Technical Service departments and do not represent a guarantee of product performance. Individual rolls may vary slightly from these averages. The user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use.

### STORAGE AND USAGE CONDITIONS

Tape should be stored in its original packaging in a cool, dry area away from direct sunlight and should be used within 12 months of date of shipment. Surfaces to which tape is applied should be clean, dry and free of grease, oil or other contaminants.

