



# Technical Data Sheet

## Pres-Bond™ P10800 Series Cork/Rubber Tape

- Rugged synthetic cork and copolymer rubber combination
- Very high adhesion properties and holding power
- Attractive cushion/bumper for cabinet doors, furniture, store fixtures
- Adheres securely to wood, plastic and painted surfaces
- Excellent as weather stripping for wood and metal sash
- Excellent as a rugged, long-lasting flooring material

### GENERAL DESCRIPTION

P10800

Pres-On Pres-Bond Cork/Rubber P10800 Series tapes are made of sponged synthetic cork and copolymer rubber. The tape carries a high-performance acrylic adhesive that demonstrates excellent grab to virtually any surface. Excellent environmental resistance and aging properties.

### APPLICATIONS

Padding and cushioning for store fixtures, furniture and consumer appliances; eliminates squeaks between metal panels; and acts as bumper pads for cabinet doors. Also effective as weather stripping for wood and metal sash. Can be used as a flooring material.

### STANDARD ROLL SIZES

All rolls have standard width of 52 inches, custom widths available

SERIAL NUMBER	THICKNESS	LENGTH
P10803	1/32"	100 feet
P10806	1/16"	100 feet
P10812	1/8"	50 feet

### ADHESION PROPERTIES

TEST	TYPICAL PERFORMANCE	TEST METHOD
Adhesion to Steel @ 72°F		
Steel immediate	3.5 lbs/in width or foam tear	PSTC-1
Steel after 24 hrs	7.0 lbs/in width or foam tear	PSTC-1
Polystyrene immediate	5.0 lbs/in width or foam tear	PSTC-1
Polystyrene after 24 hrs	7.0 lbs/in width or foam tear	PSTC-1
Powder paint immediate	3.5 lbs/in width or foam tear	PSTC-1
Powder paint after 24 hrs	7.0 lbs/in width or foam tear	PSTC-11
Shear @ 72°F, 1" x 1", 500 gms	indefinite	PSTC-7
Shear @ 72°F, 1" x 1", 1000 gms	200 hours minimum	PSTC-7
UV Resistance	Excellent	Pres-On PTM-4
Optimal Application Temperature	45°F to 80°F	Pres-on PTM-1
Service Temperature	-20°F to 200°F	Pres-on PTM-2
Water and Humidity Resistance	Excellent	Pres-On PTM-3
Shelf Life	1 year stored at room temperature	

**PERFORMANCE TESTING**

Applied on 2 mil Mylar film

TEST	TYPICAL PERFORMANCE	TEST METHOD
Loop tack	80 oz/in typical	T1, MI LIB1
Adhesion to Steel		
15 minute dwell	4.3 to 6.4 lbs/in	PSTC-1
24 hour dwell	6.0 lbs/in minimum	PSTC-1
Shear 1" x 1", 500 gms	1000 hours typical	PSTC-7
Shear 1" x 1", 1000 gms	200 hours minimum	PSTC-7

**UV EXPOSURE**

Tested in-house after 72 hours in UV chamber

TEST	INITIAL DATA	AFTER EXPOSURE	SPEC
Density, PCF	38.2	40.3	37.5 Min
Tensile, PSI	142	159	125 Min.
@400 PSI			
Compression %	47.2	41.5	30-50
Recovery %	82.8	84.3	80 Min
Flex, Factor	2-3	2-3	3 Max.

**PHYSICAL PROPERTIES**

Rubber is Copolymer

PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
Density	ASTM D-1564	lb/ft <sup>2</sup>	33
Tensile Strength	ASTM D-3574-81	psi	125
Hardness	ASTM D2240	Shore A	60 ± 10
Compression @ 400 PSI	ASTM D-1056-68	%	40-55

1. This information is furnished as a guide for selecting materials. Pres-On disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.
2. Information and specifications are based upon research and believed to be true but do not constitute a warranty. Pres-On products are sold with the understanding that the purchaser will determine the suitability of the materials for their purpose. Pres-On will supply samples for your testing and evaluation.

**APPLICATION NOTES**

Thoroughly clean contact surface before use. Once tape has been applied, it cannot be removed and reused. Therefore, position tape carefully, assuring that it is in contact with all surfaces. If tape is misaligned, remove used unit, discard and repeat application with new unit. Test product for system compatibility as individual application conditions can impact results. Pres-On does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.