



Technical Data Sheet

Pres-On PHB1000 Clear Very High-Bond Shower Door Tape

- Extremely strong pressure-sensitive bonding
- Stain resistant
- Excellent weathering properties, including moisture and sub-zero temps
- Reduces and dampens vibration, sound and shock
- Flexible, moldable, compressionable — conforms to intricate shapes
- Resistant to hardening or brittling with age

GENERAL DESCRIPTION

PHB1000

PHB1000 is a pressure-sensitive, water clear shower door tape designed to provide a superior bond between a wide variety of substrates, including glass and other clear materials. Possesses a uniform high-tack acrylic adhesive on both surfaces and will bond to most clean, dry, oil-free substrates. Tape is formulated to withstand weathering, steam, moisture and wide temperature ranges without losing adhesion power.

APPLICATIONS

Primarily designed for shower doors. Also for use in auto trim attachment, signage, graphics, skin to frame assembly, furniture, appliances and other OEM and construction applications to replace mechanical fasteners and welds.

STANDARD ROLL SIZES

All rolls available in widths from 3/16" to 18"

SERIAL NUMBER	THICKNESS	LENGTH
PHB1010	0.010"	180'
PHB1020	0.020"	216'
PHB1030	0.030"	216'
PHB1040	0.040"	108'
PHB1060	0.060"	108'

PERFORMANCE



SPECIFICATION	TYPICAL PERFORMANCE	TEST METHOD
Tensile Strength	150 psi/0.1054 kg/mm ²	ASTM-D412
Elongation	1000%	ASTM-D412
Peel Adhesion	10 pli/1.751 NLMM	ASTM-D3330
Cleavage Peel Strength	20 psi/0.0141 kg/mm ²	ASTM-D1062
Dynamic Shear Strength	60 psi/0.0422 kg/mm ²	ASTM-D3163
Shelf Life	1 year	
Installation Temperature	50° to 100°F (10° to 37.8°C)	
Constant Temperature Limit	-30° to 200°F (-34.4° to 93.3°C)	
Tape Color	Clear	

PRES-ON[®]
Adhering To A Higher Standard

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CROSS REFERENCE

3M PART#	3M COLOR	3M THICKNESS	PRES-ON PART #
4905	Clear	0.020"	PHB1020
4910	Clear	0.040"	PHB1040
4920	White	0.015"	PHB1020
4926	Gray	0.015"	PHB1020
4956	Gray	0.062"	PHB1060
4957	Gray	0.062"	PHB1060
9473	Clear	0.010"	PHB1010

NOTE: Pres-On[®] acrylic tapes are not intended for use with heavily plasticized materials or very low surface energy plastics, such as polyethylene and polypropylene.

The above information is intended to be a reference guide for comparable pressure-sensitive tapes, based on construction and/or application. It is to be used as a guide only. All products and applications should be tested by the end-user to determine the suitability for its intended use.

APPLICATION NOTES

Thoroughly clean contact surface before use. Once PHB1000 has been applied, it cannot be removed and reused. Therefore, position PHB1000 carefully, assuring that it is in contact with all surfaces. If PHB1000 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.