

Technical Data Sheet

Pres-On PHB2000 Gray Very High Bond Acrylic Foam 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

PHB2000

PHB2000 is a pressure-sensitive, gray, foamed core, acrylic tape designed to provide a superior bond between a wide variety of substrates. 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, moisture and wide temperature ranges without losing adhesion power.

APPLICATIONS

Window muntin bar attachment, 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

PHB2000

THICKNESS

0.045"

LENGTH

108'

PERFORMANCE

SPECIFICATION

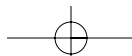
Tensile Strength
 Elongation
 Peel Adhesion
 Cleavage Peel Strength
 Dynamic Shear Strength
 Shelf Life
 Installation Temperature
 Constant Temperature Limit
 Tape Color

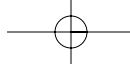
TYPICAL PERFORMANCE

135 psi/0.0949 kg/mm²
 900%
 10 pli/1.751 NLMM
 20 psi/0.0141 kg/mm²
 60 psi/0.0422 kg/mm²
 1 year
 50° to 100°F (10° to 37.8°C)
 -30° to 200°F (-34.4° to 93.3°C)
 Gray

TEST METHOD

ASTM-D412
 ASTM-D412
 ASTM-D3330
 ASTM-D1062
 ASTM-D3163





CROSS REFERENCE	3M PART#	3M COLOR	3M THICKNESS	PRES-ON PART #
	4940	Gray	0.025"	PHB2045
	4941	Gray	0.045"	PHB2045
	4943	White	0.045"	PHB2045
	4945	White	0.045"	PHB2045
	4946	White	0.045"	PHB2045
	4949	Black	0.045"	PHB2045
	4950	White	0.045"	PHB2045
	4951	White	0.045"	PHB2045
	4952	White	0.045"	PHB2045
	6380	White	0.045"	PHB2045
	6381	White	0.045"	PHB2045
	6382	Gray	0.045"	PHB2045
	6383	Gray	0.045"	PHB2045

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.

PRES-ON[®]
Adhering To A Higher Standard

39 Factory Road, Addison, IL 60101
800.323.7467 www.pres-on.com
e-mail: sales@preson.com

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