

Technical Data Sheet

Pres-On PHB3000 Translucent Very High Bond Acrylic 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

PHB3000

PHB3000 is a pressure-sensitive, water clear, solid acrylic 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, moisture and wide temperature ranges without losing adhesion power.

APPLICATIONS

Auto trim attachment, signage, graphics, skin to frame assembly, furniture, appliances and other OEM and construction applications to replace mechanical fasteners and welds. Approved to GM specification GM3802M TYPE 14, Chrysler specification MS-CH59-C, Ford specification WSB-M3G138-B.

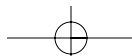
STANDARD ROLL SIZES

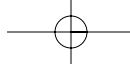
All rolls available in widths from 3/16" to 18"

SERIAL NUMBER	THICKNESS	LENGTH
PHB3025	0.025"	216'
PHB3030	0.030"	216'
PHB3045	0.045"	108'
PHB3060	0.060"	108'
PHB3080	0.080"	108'

PERFORMANCE

SPECIFICATION	TYPICAL PERFORMANCE	TEST METHOD
Tensile Strength	200 psi/0.1406 kg/mm ²	ASTM-D412
Elongation	500%	ASTM-D412
Peel Adhesion	15 pli/2.626 NLMM	ASTM-D3330
Cleavage Peel Strength	30 psi/0.0211 kg/mm ²	ASTM-D1062
Dynamic Shear Strength	90 psi/0.0633 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	Translucent	





CROSS REFERENCE

3M PART#	3M COLOR	3M THICKNESS	PRES-ON PART #
4925	Gray	0.025"	PHB3025
4929	Black	0.025"	PHB3025
4930	White	0.025"	PHB3025
4932	Gray	0.025"	PHB3025
4936	Gray	0.025"	PHB3025
4940	Gray	0.025"	PHB3045
4941	Gray	0.045"	PHB3045
4943	White	0.045"	PHB3045
4945	White	0.045"	PHB3045
4946	White	0.045"	PHB3045
4949	Black	0.045"	PHB3045
4950	White	0.045"	PHB3045
4951	White	0.045"	PHB3045
4952	White	0.045"	PHB3045
4955	White	0.080"	PHB3080
4956	Gray	0.062"	PHB3060
4957	Gray	0.062"	PHB3060
6377	Gray	0.030"	PHB3030
6378	Gray	0.030"	PHB3030
6380	White	0.045"	PHB3045
6381	White	0.045"	PHB3045
6382	Gray	0.045"	PHB3045
6383	Gray	0.045"	PHB3045
6384	Gray	0.045"	PHB3045
6397	Gray	0.060"	PHB3060

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

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