

Product Description PHB are UHMWPE a film coated with a special permanent acrylic adhesive

Product Construction	Backing	Adhesive	Color	Standard Roll Length	Width
	UHMWPE	Acrylic	Black	PHB001 59" (1.5 m) on liner	1.34 in/34 mm
	(ultra high molecular weight polyethylene)	Acrylic	Black	PHB002 1.96 yds (2.0 m) on liner	1.57 in/40 mm
		Acrylic	Black	PHB003 3.93 yds (4.0 m) on liner	2.00 in/51 mm
		Acrylic	Black	PHBXXX any lenght	from 1/4in/7mm

Typical Physical Properties The following technical information and data should be considered representative or typically only and should not be used for specifications purposes.

Property	ASTM Method		
Backing thickness	D-374	0,0100 in	250 µm
Adhesive thickness	D-374	0,0018 in	45 µm
Adhesion	D-1000	50 oz/in	5,47 N/cm
Elongation	D-1000	300 %	
Tensile strenght	D-1000	60 lb/in	105 N/cm
Coefficient of friction	D-1894	0,21	
Max Operating Temperature		200 °F	93 °C

- Features**
- Acrylic adhesive is a firm high solvent and oil resistant adhesive which bonds best on high surface energy materials.
 - UHMW polyethylene is a thermoplastic that has a unique combination of properties which make it ideal for many tough impact wear and tear or sliding applications. Within its operational tempeartuire range, UHMW polyethylene tape can provide the following advantages:
 - Outstanding abrasion resistance
Will outwear many types of PTFE and other materials in sliding applications. Exceeded only by the PTFE's.
 - Low coefficient of friction
Can often be used where lubrication is not possible because of contamination
 - Self Lubricating

Applications

	PHB001	PHB002	PHB003
Harken	Unit 0	Unit 1	Unit 2 & 3
J-Lift	5085	5100 and 5095/R	5115 and 6140
Tuff Luff	1205 and 1706	2206 and 2506	from 2007 to 7608 and TL1003/4

Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% RH in the original packaging.

Shelf Life To guarantee the best performance, use this tape within 12 months from the manufacturing date.

Product use All statements, technical information and recommendations contained in this document are based upon tests or experiments that we believe reliable. However, many factors beyond our control can affect the use and performance of the product in a particular application, including under which the products is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Warranty and limited remedy Unless stated otherwise in the product literature or packaging insert, the manufacturer warrants that each product meets the applicable specifications at the shipping time. Individual products may have additional or different warranties as stated in the product literature or package inserts. We make no other warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or any implied warranty arising out of a course of dealing, custom or usage of trade. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's application. If the product is defective within the warranty period, your exclusive remedy and our and seller's sole obligation will be, at our option, to replace the product or refund the purchase price.

Limitation of liability Except where prohibited by law, we and seller will not be liable for any loss or damage arising from the product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

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