

PerformancePlus™ Series Optical Breadboards (Page 2 of 2)

NEW
versions

Features

- Thicker Breadboard for Superior Stiffness
- Other Sizes Available up to 8' x 4' (2500 mm x 1250 mm)



Sizes Shown Here are Stocked
for Immediate Shipment. Please Visit
www.thorlabs.com for Additional Size Options.

Imperial PerformancePlus™ Optical Breadboards, 4.3" Thick

ITEM #	\$	£	€	RMB	DIMENSIONS	WEIGHT*
PBI12115	\$ 2,097.10	£ 1,509.91	€ 1,824.48	¥ 16,713.89	4' x 3' x 4.3"	301 lbs/137 kg
PBI12116	\$ 2,405.30	£ 1,731.82	€ 2,092.61	¥ 19,170.24	5' x 3' x 4.3"	384 lbs/174 kg
PBI12117	\$ 2,713.50	£ 1,953.72	€ 2,360.75	¥ 21,626.60	6' x 3' x 4.3"	477 lbs/216 kg
PBI12129	\$ 4,148.00	£ 2,986.56	€ 3,608.76	¥ 33,059.56	6' x 5' x 4.3"	721 lbs/327 kg

*The weights given are for the breadboards alone and do not include packaging.

Metric PerformancePlus™ Optical Breadboards, 110 mm Thick

ITEM #	\$	£	€	RMB	DIMENSIONS	WEIGHT*
PBI52510	\$ 1,486.80	£ 1,070.50	€ 1,293.52	¥ 11,849.80	750 mm x 750 mm x 110 mm	181 lbs/82 kg
PBI52512	\$ 1,836.20	£ 1,322.06	€ 1,597.49	¥ 14,634.51	1200 mm x 750 mm x 110 mm	251 lbs/114 kg
PBI52515	\$ 2,022.30	£ 1,456.06	€ 1,759.40	¥ 16,117.73	1200 mm x 900 mm x 110 mm	326 lbs/148 kg
PBI52516	\$ 2,313.50	£ 1,665.72	€ 2,012.75	¥ 18,438.60	1500 mm x 900 mm x 110 mm	397 lbs/180 kg
PBI52525	\$ 3,466.40	£ 2,495.81	€ 3,015.77	¥ 27,627.21	1800 mm x 1250 mm x 110 mm	613 lbs/278 kg
PBI52529	\$ 4,099.00	£ 2,951.28	€ 3,566.13	¥ 32,669.03	1800 mm x 1500 mm x 110 mm	712 lbs/323 kg

*The weights given are for the breadboards alone and do not include packaging.

Breadboards Without Mounting Holes

Thorlabs' Performance™ Optical Breadboards are 2.4" (60 mm) thick optical breadboards and offer the same construction techniques as our standard Performance Series range but without drilled holes in the top plate. They provide high stiffness and standard damping, making them an ideal solution for microscopy applications.

Features

- Design for Excellent Thermal Stability
- Low Deflection Under Load
- Plated Steel Honeycomb Core Provides Both Static and Dynamic Rigidity
- Magnetic Stainless Steel Top and Bottom Plate
- Excellent Surface Flatness

Specifications

- **Flatness:** $\pm 0.004"$ (± 0.10 mm) over any 1 ft² (0.3 m²) Area
- **Thickness:** 2.4" (60 mm)
- **Construction:** Double Plate, Single Honeycomb Core, Athermalized Design
- **Core:** High-Density, Double-Plated Steel Honeycomb
- **Top and Bottom Plates:** Magnetic Stainless Steel, 3/16" (5 mm) Thick, Matched Materials for Athermalized Design

- **Damping:** Proprietary Broadband Damping
- **Sides:** Black Laminated Steel
- **Top Plate Finish:** Brushed Steel

Imperial Performance Series Breadboards, No Holes

ITEM #	\$	£	€	RMB	SIZE	WEIGHT*
PBH11106/NH	\$ 689.00	£ 496.08	€ 599.43	¥ 5,491.33	3' x 2' x 2.4"	134 lbs/61 kg
PBH11111/NH	\$ 869.00	£ 625.68	€ 756.03	¥ 6,925.93	3' x 2.5' x 2.4"	148 lbs/67 kg
PBH11112/NH	\$ 985.00	£ 709.20	€ 856.95	¥ 7,850.45	4' x 2.5' x 2.4"	194 lbs/88 kg
PBH11115/NH	\$ 1,054.00	£ 758.88	€ 916.98	¥ 8,400.38	4' x 3' x 2.4"	231 lbs/105 kg

*The weights given are for the breadboards alone and do not include packaging.

Metric Performance Series Breadboards, No Holes

ITEM #	\$	£	€	RMB	SIZE	WEIGHT*
PBH51511/NH	\$ 869.00	£ 625.68	€ 756.03	¥ 6,925.93	900 mm x 750 mm x 60 mm	132 lbs/60 kg
PBH51512/NH	\$ 985.00	£ 709.20	€ 856.95	¥ 7,850.45	1200 mm x 750 mm x 60 mm	176 lbs/80 kg
PBH51515/NH	\$ 1,054.00	£ 758.88	€ 916.98	¥ 8,400.38	1200 mm x 900 mm x 60 mm	214 lbs/97 kg

*The weights given are for the breadboards alone and do not include packaging.

NEW
versions

Not the size you
are looking for?

Don't worry.
We make that too.
Same cost.
Small lead time.