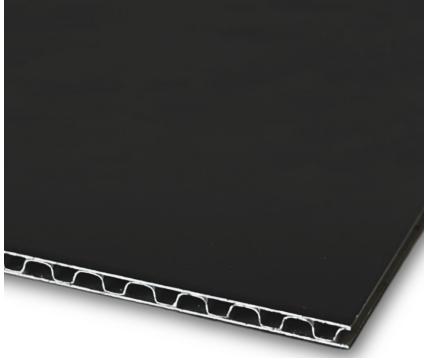


barrier material X1P05



Highlights

The X1P05 standard barrier material delivers reliable laser protection in a lightweight, easy-to-handle design. Its advanced aluminum sandwich construction combines strength and durability with reduced weight, making it an ideal solution for laser safety barriers, partitions, and protective enclosures in industrial, research, and development environments. Designed for laser applications up to medium power levels, X1P05 provides certified protection in accordance with EN 60825-4 and has been tested to EN 12254. The material is readily available in standard sheet dimensions of 2438 × 1219 mm, ensuring fast and flexible implementation of your laser safety projects.

Articlenumber: BM0X1P051PM1

GTIN: 4050369086753

Weight incl. packaging 17,24 kg

Weight excl. packaging: 17,24 kg

COLOUR:	black
PROPERTIES:	both-sides usable
PROTECTION CLASS / NORM:	EN 60825-4
PROTECTION RANGE:	near infrared, Infrared, visible, ultraviolett

DIN EN 60825-4

780-1400nm | $I_{\text{avg}} = 756 \text{ kW/m}^2$ / $I_{0,\text{max}} = 1,5 \text{ MW/m}^2$ | T2

9000-11000nm | $I_{\text{avg}} = 840 \text{ kW/m}^2$ / $I_{0,\text{max}} = 1,7 \text{ MW/m}^2$ | T2