AFP45 Closed Cell Polyethylene Foam

Grade reference: AFP45 | Cross-Linked Closed-Cell Polyethylene Foam · Higher Density

PRODUCT DESCRIPTION

A rigid closed-cell cross-linked polyethylene foam with higher density than AFP30, offering increased load-bearing capacity and impact resistance while retaining the same waterproof, non-absorbent properties. Supplied in sheet form in black, in a range of thicknesses.

TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	VALUE	UNIT
Density	ISO 845	45	kg/m³
Compression at 25% deflection	ISO 844	100	kPa
Dimensional stability (24 h at 70 °C)	Internal	< 2	%
Cell structure	-	Closed cell	-
Water absorption (max)	Internal	≤ 1	vol %
Standard supply colour	-	Black	-

TYPICAL APPLICATIONS

Industrial and commercial packaging specified for heavier items or higher impact loads, case inserts requiring more rigid support, marine and outdoor applications, structural gaskets and seals, and highdensity insulation applications. Selected where the load-bearing performance of AFP30 is insufficient.

SUPPLY FORMATS

Available in sheet, block, profile and bespoke cut-tosize formats. Cut-to-size service included at no extra cost. Custom converting and lamination available on request. Contact the All Foam technical team for nonstandard dimensions and tolerances.

The information in this document is intended as a general technical guide and is based on data believed to be accurate at the date of issue. Values shown are typical and are not guarantees of performance, service life, fitness for a particular purpose or regulatory compliance. Customers are responsible for confirming product suitability for their intended application. ALL FOAM PRODUCTS LTD reserves the right to update product data without prior notice.