High-Firm Foam

Grade reference: AF38 | High-Density Polyether Polyurethane Foam · Firm

PRODUCT DESCRIPTION

A flexible polyether polyurethane foam supplied in blue. The UK trade default for quality seating cushions, offering a balance of high density, firmness and long service life. The material is manufactured to meet the requirements of Schedule 1, Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended), and offers consistent density, hardness and recovery characteristics across the supplied range.

FIRE PERFORMANCE	Meets Schedule 1, Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended). Suitable for use in furniture and furnishings manufactured for sale within the United Kingdom.

TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	VALUE	UNIT
Nominal density range	BS EN ISO 845:1995	38 - 40	kg/m³
Nominal hardness (40% indentation)	BS EN ISO 2439	180 - 220	N
Nominal tensile strength	BS EN ISO 1798	≥ 100	kPa
Nominal elongation at break	BS EN ISO 1798	≥ 150	%
Nominal compression set	BS EN ISO 1856	≤ 10	%
Standard supply colour	-	Blue	-

TYPICAL APPLICATIONS

Sofa and armchair cushions, dining and kitchen seating, VW campervan and Rock & Roll bed cushions, narrowboat saloon benches, static caravan lounges, pallet and garden furniture, and dog and pet beds. Recommended for cushion thicknesses between 75– 125 mm (3–5″). Typical service life of 5–8 years in domestic seating applications.

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.