# Reflex Superior Firm Foam

Grade reference: Reflex400H | High-Resilience Polyether Polyurethane Foam — Firm

## PRODUCT DESCRIPTION

A premium high-resilience polyether polyurethane foam supplied in grey, identical in density to Reflex400 but with a firmer indentation rating. Manufactured using an advanced moulding process that delivers superior shape retention, instant recovery and extended service life compared to standard upholstery grades. The material meets the requirements of Schedule 1, Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended).

| | |
|---|---|
| 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 | 40 - 42 | kg/m³ |
| Nominal hardness (40% indentation) | BS EN ISO 2439 | 130 - 160 | N |
| Nominal tensile strength | BS EN ISO 1798 | ≥ 90 | kPa |
| Nominal elongation at break | BS EN ISO 1798 | ≥ 240 | % |
| Standard supply colour | - | Grey | - |

## TYPICAL APPLICATIONS

Premium seating where the cushion will experience thousands of compression cycles per year: campervan Rock & Roll beds (used as both seating and sleeping platform), narrowboat saloon benches, motorhome dinettes, and high-traffic domestic seating. Typical service life of 6–10 years in dual-use seating and sleeping 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.