BumperStop® Protectors

SuperSoft Protectors Door dampening applications only

Technical Data **April 2025**

Using a highly transparent polyurethane material with a lower hardness we have created a high quality Self-adhesive door dampening bumper. This range has been specially formulated to provide a consistent sound dampening performance whilst having an aggressive high performance pressure sensitive adhesive.

Applications for this range include any industries where greater sound dampening properties are required. Typical markets are kitchen & bedroom furniture, Industrial & school lockers, cupboards in boats & caravans etc. This programme is not suitable for supporting heavy items such as glass. For this application please refer to our standard BumperStop® Protectors range

Polyurethane Physical Properties

Properties	Test Method	9079/9010/9095/9125/9931
Hardness (shore A)	ASTN D-2240	58-62
Abrasion Resistance (MG loss)	BS EN 5470-1:1999	350
Flame Retardency	UL94HB (In house)	Pass
Kinetic Coefficient of Friction	ASTN D-1894-78	
	A Stainless Steel	2.52
	B Glass	2.7
	C High Impact polystyrene	2.37
Shelf Life - 12 months when stored in original packaging at room temperature		

Exposure to the Environment Bumperstops are intended for interior applications where physical properties will remain unchanged. When used externally for extended periods, some discolouration as well as loss of adhesion may occur.

Adhesive Data

Long Aging Solvent Acrylic. High-Tack, Good Peel & Shear properties. Designed to stick to most surfaces but some caution is recommended when used on low surface energy plastics or powder coated effect materials with irregular surface.

	Properties	4001
Adhesive Characteristics	System Thickness Backing Liner Adhesive Feature	Solvent Acrylic 0.002 Paper High initial Tack & Shear
Performance	Shear Strength @ 23°C Shear Strength @ 49°C	Good Good
Application Temperature		20°C to 40°C
Service Temperature		- 40°C to + 120°C
Storage Temperature		Room Temperature

APPLYING BumperFlex™ FPT

It is important to remember, that as with any self adhesive product, the surface to which the tape is being applied must be clean, dry and free from dust and dirt. Therefore, to gain maximum adhesion it might be necessary to clean the surface with low strength solvent and allow to dry thoroughly before use. Please follow solvent manufacturers' instructions for safety. In some cases we also recommend the use of an application roller to ensure maximum adhesion force is applied to the tape or die-cut once in its final position.

DISCLAIMER: To the best of our knowledge the information in this data sheet is believed to be correct as of the date issued. However, neither BumperStops Ltd nor any of its subsidiaries and/or distributors assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Because of changing EU regulations some of this information could be subject to change without prior notice to customers. In all cases the customer must determine the suitability of any of our materials for their specific application.

BumperStop® Protectors are RoHS, REACH and Wee compliant.