

Flexible polymer based tape coated with a high-tack pressure sensitive adhesive. Developed to exhibit high coefficient of friction, providing excellent anti-slip properties whilst being conformable and Recyclable. Also good is the materials ability withstand shock and vibration whilst providing good protection against scratches. Ideal for applications requiring a high grip/non-slip base over a large area.

Supplied on a film backing liner for ease of die-cutting Excellent material for die-cutting into Strips, Pads, Discs & Washers for almost any application.

Physical Properties

	6106	6108
Carrier	Polymeric Elastomer	Polymeric Elastomer
Adhesive	Acrylic	Acrylic
Thickness	0.60mm	0.80mm
Backing Liner	50µ PET Film	50µ PET Film
Master Roll Dimensions	1000mm x 100m	1000mm x 100m

Elastomer Performance Data

Property	Method	Average Result
Shore Hardness A	ASTN D2240	80-85
Tensile Yield Strength	ASTM D412 Die C 500mm/min @23±2°C and 50±10%RH	6.53MPa / 947psi
Tensile Strength	ASTM D412 Die C 500mm/min @23±2°C and 50±10%RH	16.0 MPa / 2321psi
Elongation at Break	ASTM D412 Die C 500mm/min @23±2°C and 50±10%RH	671%
Tear Strength (Angle Tear)	ASTM D412 Die C 500mm/min @23±2°C and 50±10%RH	No Tear
Taber Abrasion	ISO 5470-1 – CS17 Wheel 1000g	20.494 mg/1000cycles

Pressure Sensitive Adhesive Data (Peel & Shear)

Surface Material	Test Method	20min - 23°C 50% RH	24h - 23°C 50% RH
Stainless Steel	Peel FINAT 1 - Unit N/25mm	13.8	15.6
Aluminium	Peel FINAT 1 - Unit N/25mm	11	12.9
Glass	Peel FINAT 1 - Unit N/25mm	14.1	13.8
Stainless Steel	Shear FINAT 8	-	>300h

Service Temperature - 40°C to + 100°C Application Temperature 20°C to 40°C Shel-Life 12 months when stored at 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.

BumperFlex™ FPT tapes are RoHS, REACH and Wee compliant.