

GLASS PROTECTION PADS

High visibility vinyl foam with peelable adhesive

Single sided adhesive coated high density vinyl foam incorporating a peelable acrylic adhesive. Specifically designed for the separation and protection of sheets of flat glass, sealed units and automotive glass in transit and storage, and to aid protection during installation.

Norseal® is also suitable to be used with painted and pressed steel metal panels or similar surfaces. The product is available in various grades of thickness and density of closed cell vinyl foam which have been developed to offer excellent compression resistance and recovery even after high loading weights have been applied.

The low tack pressure sensitive peelable adhesive allows clean removal from glass, metal and PVC- surfaces leaving no adhesive residue or ghosting marks. The adhesive is UV and temperature resistant and will offer consistent bonding strength and clean peel even after prolonged periods in contact with the surface.

Standard product format in logs or slit rolls but die-cutting facilities are available on request subject to reasonable MOQ's.

Various colours are available subject to a minimum order quantity but standard is green, blue and red.

Features and Benefits

- High density red, blue and green vinyl foam
- Highly crosslinked low tack peelable adhesive
- No adhesive residue on removal



APPLICATIONS

- Glass protection pads
- Also suitable for use as a protective barrier on metal and plastic surfaces

Norseal Glass Protection Pads Series – Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Color :	Blue, red, green
Liner :	White paper
Standard thicknesses :	2.0 to 4.5 mm
Useable width of log :	Mimimum 1000mm
Format :	Logs, slit rolls or die-cut pads on a roll

Property	Property	Value Medium Density	Value High Density
Density (kg/m ³)	SGTM 14	285	335 (4 mm) / 600 (2 mm)
180° Peel Adhesion N/cm	AFERA 4001	Max. 2	Max. 2
Shore Hardness OO	SGTM 27	55 - 90	55 - 90
Force to compress by 30% N/cm ²	ASTM D-1667	Min. 20	10
Deflection force, 30% (N/cm ²)	ASTM D-1667	Min. 11	-40 to +70
Service Temperature, °C	-	-40 to +70	-40 to +70
Application temperature, °C	-	-30 to +50	-30 to +50
Water-tightness (U-Test - 30%)	NTP-38	Pass	Pass
Air-tightness 30%, 2000 Pa	10PRT128	No leak	No leak
Flammability	UL-94	HBF	HBF
Thermal Conductivity (mW/mK) 0kPa	ISO8302	40	40

Important Instructions

The product must be stored in its original packaging in a clean, dry, well ventilated area and under these conditions the shelf life will be a minimum of 6 months.

The life expectancy of the product once in use will depend on the conditions under which the glass is stored, additional heat and humidity will affect the aging process of the vinyl foam but not the adhesive bond itself.

Low temperatures at the time of application may increase the possibility of condensation on the surface, which will reduce the final bond strength.



IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 6 months, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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