

## V710 SERIES

### Closed-Cell, Swirl-Free Polyvinyl Chloride Foam

**Norseal**® V710 is a medium density foam that won't distort or twist when mechanical fasteners are inserted.

The special foam substrate of **Norseal** gives it this "swirl-free" property, allowing it to resist tearing and distortion from drilling, riveting and other fastening operations. This is a superior advantage because non-swirl-free foam can actually tear when penetrated by fasteners such as screws and rivets.

**Norseal** 710 series is specially designed to provide the following features:

- Swirl-free foam won't move or twist when penetrated by fasteners
- Requires only 30% compression to seal against light, dust and water
- Conforms to curved or irregular surfaces
- Material is dimensionally stable
- Easy to die-cut
- Paper liner eliminates stretching during installation and makes material handling quick and simple

### Available Sizes

Standard thickness: .062, .125, .188, .25 and .375 in.  
(1.6, 3.2, 4.8, 6.4 and 9.5 mm)

Master roll size: 56 in. (1422 mm) width.  
Length varies with thickness.

Special thickness and roll sizes also available.



### APPLICATIONS

- Duct seals
- Vehicle overlap seals
- Truck cab roofline seals
- Modular walls
- Die-cut gaskets
- Corrugated panel and lap joint seals
- Metal farm buildings
- Outdoor lighting fixtures
- Railroad car/marine uses

## Norseal V710 Series – Properties

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

| Property  | Test Method      | Value or Rating |
|---|------------------|-----------------|
| Density lbs./cu. ft. (kg/m <sup>3</sup> )             | ASTM D-1667      | 10 (160)        |
| Hardness: Shore 00                                    | ASTM D-2240      | 32              |
| Force to Compress: psi (kPa)*                         | ASTM D-1667      | 4.7 (32)        |
| Compression Deflection: psi (kPa)*                    | ASTM D-1667      | 1.9 (13)        |
| Compression Set: % lost fr. orig. ht.*                | NTP-37           | 9               |
| Water Absorption (% by volume)*                       | NTP-35           | 5%              |
| 90° Peel Adhesion: oz./in (N/m) 15 min. dwell         | PSTC-2           | 37.0 (405)      |
| Elongation %  | ASTM D-412 Die A | 80              |
| Tensile: psi (kPa)                                    | ASTM D-412 Die A | 35 (241)        |
| Thermal Conductivity: BTU, in./hr.ft. <sup>2</sup> °F | ASTM C-518       | 0.3             |
| Foam Color  | -                | Gray            |

\* Based on 30% compression  
NTP: Internal Test Procedure

## Norseal V710 – Standard Roll Sizes

| Product No. | Thickness in. (mm) | Length ft. (m) |
|-------------|--------------------|----------------|
| V712        | .062 (1.6)         | 200 (61)       |
| V714        | .125 (3.2)         | 100 (30.5)     |
| V716        | .188 (4.8)         | 50 (15.2)      |
| V718        | .25 (6.3)          | 50 (15.2)      |
| V7112       | .375 (9.5)         | 25 (7.6)       |

3" I.D. cardboard cores standard

## Options (subject to minimum order requirements)

Adhesive base: No adhesive, available upon request.

Liner: Permanent Mylar available upon request.

## Important Instructions

Because **Saint-Gobain®** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use. The product contains plasticizer, which may adversely affect some plastics.

Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface. Do not remove liner until tape is in proper position. Avoid touching adhesive surface before application. The adhesive is intended for positioning during the assembly process. The foam tape is secured in the joint by compression of the adjacent substrates.

The application temperature should be between 40°F and 125°F (4°C to 52°C). It is not recommended to apply these sealants at temperatures below 40°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding. Recommended service temperature is between -15°F to 160°F (-26°C to 71°C).

## Shelf Life

6 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) and 50% relative humidity.



**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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