



When You Want the Seal to Last®

Foam Seal Industrial PVC Foam

Foam Seal PVC Industrial Foam is engineered to provide a cost-effective solution to your most demanding sealing and cushioning requirements. This closed cell polyvinyl chloride foam can be produced with or without adhesive.

PERFORMANCE CHARACTERISTICS

- Remains flexible at -20° C to 80° C
- Resistant to most solvents and chemicals
- Fire resistant per FMVSS 302
- Ultraviolet resistant
- Seals out light, air, dust and moisture
- Cushions against vibration and noise
- When sandwiched between two laminate substrates, Foam Seal PVC low and medium density foam offers “swirl free” performance, resisting twisting and movement when mechanical fasteners penetrate the foam and substrates.

ADHESIVE

- Water-based acrylic
- Good initial tack and high shear
- Excellent resistance to plasticizers
- Builds bond strength over time
- Recommended for most industrial applications

SUBSTRATES

- 90 # paper • 3.0 mil polyester film
- 1.5 mil aluminum

INDUSTRIES

- Transportation
- General Assembly
- Appliance
- Construction
- HVAC
- Retail
- Industrial

COLORS

- | | | |
|----------|--------------------------|------------|
| Standard | Special (minimums apply) | |
| • Black | • Brown | • White |
| • Gray | • Natural | • Charcoal |
| | • Custom Colors | |

BACK STRIPPING (reverse wrapping)

Foam Seal manufactures the foam with the adhesive side exposed and the length is determined in this orientation. When the use requires the adhesive side to be against the paper, there is a loss of yield in length. The loss will be equal to the outer circumference of the material (outer circumference + 10 inches on silicone cores).

Characteristic	Sof-Seal	Low Density	Medium Density	High Density	Very High Density
Thickness	1/16" – 3/4"	1/16" – 1"	1/16" – 1/2"	1/16" – 1/2"	1/32" – 1/16"
Length *	6 – 300 ft.	7 – 300 ft.	10 – 300 ft.	10 – 300 ft.	50 – 300 ft.

*The availability of log lengths is dependent upon foam thickness.

Physical Property	Test Method	Sof-Seal	Low Density	Medium Density	High Density	Very High Density
Density (lbs./cu. ft.)	ASTM D1667	5	7	11	15	19
Shore Hardness “00”	ASTM D2240	5	25	43	53	58
Force to Compress 25%		1.4 psi	3.6 psi	7.0 psi	10.2 psi	12.0 psi
Compression Deflection	ASTM D1667	0.5 psi	1.3 psi	4.0 psi	6.0 psi	7.0 psi
Water Absorption	ASTM D1056	3 %	3 %	2 %	2 %	1 %
Tensile Strength	ASTM D412	15 psi	30 psi	40 psi	70 psi	90 psi
Elongation	ASTM D412	275 %	190 %	150 %	150 %	160 %

SHELF LIFE Foam Seal PVC Foam has a shelf life of two (2) years from the date of manufacture without adhesive and six (6) months with adhesive, as indicated by the lot number, when stored at or below 75° F.

ADDITIONAL INFORMATION Novagard Solutions™ believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned products. It is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety. For additional information, contact Novagard Solutions™ Customer Service at 800.380.0138.