

FOAMSEAL

PVC Foam Information



Substrates

- 90# paper (0.0065"/0.1651mm)
- 3 mil PET
- Aluminum Foil (0.0015"/0.0381mm)

Both PET and Aluminum Foil are included in the gage thickness measurement for the products. They are not included in the density calculation when determining the density of the product.

Adhesives: Water based acrylic - Nominal 3 mils wet/1.8 to 1.95 mils dry

Material required without adhesive does not change the minimum order quantities and lead times as listed.

Standard Core: Cardboard 3.030" / 7.6962 cm ID

Colors

- Standard: Black, white, and gray
- Custom: May be available upon request; minimum orders apply

Usable Width by Foam Thickness

Log Thickness	Cast – Foam	Usable Width	Maximum Loss Width Loss
= < 1/2" (1.27 cm)	56" (142.24 cm)	54" (137.16 cm)	2.0" (5.08 cm)
> 1/2" to = < 5/8" (>1.27 cm to = <1.5875 cm)	56" (142.24 cm)	52" (132.08 cm)	4.0" (10.16 cm)
> 5/8" to = < 3/4" (>1.5875 cm to = <1.905 cm)	56" (142.24 cm)	50" (127 cm)	6.0" (15.24 cm)
> 3/4" (>1.905 cm)	56" (142.24 cm)	48" (121.92 cm)	8.0" (20.32 cm)
Aluma-Seal	52" (132.08 cm)	50" (127 cm)	2.0" (5.08 cm)

Product Tolerances

Parameter	Condition	Specification
Gauge (Thickness)	1/16" to 1/8" (0.15875 cm to 0.3175 cm)	+/- 20%
	1/8" to 3/16" (0.3175 cm to 0.47625 cm)	+/- 15%
	3/16" to 1" (0.47625 cm to 2.54 cm)	+/- 10%
Width (Rolls)	3/16" to <2" wide (0.47625 cm to 5.08 cm)	+/- 1/32" (0.079375 cm)
	2" to 52" wide (5.08 cm to 132.08 cm)	+/- 1/16" (0.15875 cm)
Length	≤ 50' (15.24 m) long > 50' (15.24 m) long	0" to +6" (0 to 15.24 cm) 1% to 2%

Flame Retardant: All standard products have inflammability built in and meet FMVSS302 Federal Flammability Standards.

UL Approved Products

- HT70 UL and 70P are UL94 approved
- 723 is UL 723 approved
 - 723 with Foil: Flame spread 15, Smoke developed 45
 - 723 without Foil: Flame spread 20, Smoke developed 100

Packaging

- Individual log boxes and Gaylord boxes with cardboard lid
- 42" x 42" (106.68 cm x 106.68 cm) standard pallet, 48" x 40" (121.92 cm x 101.60 cm) pallet, heat-treated, and other specialized pallets are available upon request

Compression Set: When PVC foam is compressed for a length of time, it will take on a set. A set means that once the compressing force is released the foam will not regain 100% of its original dimensions. The amount of this set can depend on multiple variables, including:

- Foam type
- Density
- % Compression
- Time length of compression
- Temperature during compression



5109 Hamilton Avenue
Cleveland, OH 44114 USA
(216) 881-8111 | (800) 380-0138
(216) 881-6977 fax
novagard.com

ISO 9001:2015 QMS (with Design)
IATF 16949:2016 QMS (with Design)
Certified Women's Business Enterprise
Certified Women Owned Small Business

Effective Date: Jun 2020 - v1.6



Most of our foams are California Prop65 compliant without additional labeling. Most of our foams can be made UV resistant. Consult your sales representative for details