

FOAMSEAL

60MG Medical Grade PVC Foam

60MG Medical Grade PVC Foam is a closed cell, low density PVC foam. It is biocompatible and has been independently tested and certified to comply with the ISO 10993-10 protocol for direct skin contact.

- Certified to ISO 10993-10
- Extremely durable
- Moisture resistant
- Sulphur Free
- Low VOC
- Suggested applications in the healthcare industry
 - Face shields
 - Face masks
 - Diagnostic devices
 - Therapeutic accessories
 - Pads for diagnostic and therapeutic devices
 - Wheelchair seating
- 100% closed cell
- Low density
- Self-extinguishing
- Available with or without adhesive



60MG Medical Grade PVC Foam is an economical, closed cell foam that can be used for applications requiring a seal for tight radius curves. It remains pliable at temperatures of -40°F to 180°F (-40°C to 82°C). Our 60MG Medical Grade PVC Foam is extremely durable, sulphur free, low VOC, moisture resistant, and seals out light, air, dust, and water. It can be used in a number of applications within the healthcare industry, including face shields, face masks, pads for diagnostic devices, therapeutic accessories, and wheelchair seating.

Our medical grade foam can be manufactured to your specifications. Available in any gauge from .0625" to 1", 60MG Medical Grade PVC Foam is offered in standard colors (black, gray) as well as specialty colors (white, natural/tan) and can be produced with or without pressure sensitive adhesive (PSA). Minimums may apply.



Made in USA



TECHNICAL INFORMATION

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

Effective Date: Mar 2022-v1.7

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PRODUCT SPECIFICATIONS		
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 (Slit Rolls)	3/16" to <2" (0.47625 cm to 5.08 cm)	+/-1/32"
	2" to 52" wide (5.08 cm to 132.08 cm)	+/-1/16"
Length	≤ 50' (15.24 m) long	0" to +6"
	> 50' (15.24 m) long	- 1% to 2%
Density	1/16" to <1/8" (0.15875 cm to <0.3175 cm)	7.0 to 10.0 lbs/ft ³ (112 to 160 kg/m ³)
	1/8" to 3/16" (0.3175 cm to 0.47625 cm)	6.0 to 9.0 lbs/ ft ³ (96 to 144 kg/m ³)
	3/16" to 1" (0.47625 cm to 2.54 cm)	5.5 to 8.5 lbs/ ft ³ (88 to 136 kg/m ³)
Adhesion	Stainless Steel	12 oz / in min (134 g / cm min) Typical Value: >30 oz/in (>335 g / cm)

*Foam without adhesive or liner unless noted. Specifications based on a sample size of three to five. Testing to these specifications may be dependent on the specific application. Specifications are subject to change without notice.

TYPICAL PROPERTIES		
Physical Property	Test Method	Typical Value
Force to Compress 1/16" to 1/4" ≥1/4" to 1"	ASTM D1667	4.0 psi (27.5 kPa) 3.0 psi (20.7 kPa)
Compression Deflection	ASTM D1667	2.2 psi (15.2 kPa)
Water Absorption	ASTM D1056	6%
Tensile Strength (Die A)	ASTM D412	20 psi (137.9 kPa)
Elongation With Adhesive Without Adhesive	ASTM D412	110% 130%
Thermal Conductivity (BTU-in/ft ² -hr-°F)	ASTM C518	0.27
Flammability (Rate - mm/min.)	MVSS 302	Self-Extinguishing
Fungi Resistance		Excellent
Oxidation Resistance		Excellent
Weather Resistance		Excellent
Hardness (Shore 00)	ASTM D-2240	25

*The information provided in the above table is not intended for use in preparing specifications. Information for reference is intended as a general guideline only. Typical values based on a sample size of three to five and performed within 2 weeks of manufacture.

Proudly made in Cleveland, Ohio USA