



Over 100 Years of Experience

Closure Strips

G-10 Panel Closure

This economical closure resists just about everything and fits just about everything!

Our G-10 closure is flexible, semi-rigid, cross-linked polyethylene foam is fused together by a process that assures uniform quality. This results in a material with exceptional strength and uniform compressibility. G-10 panel closures are also very lightweight, easy to handle and installed.

G-10 resists temperature extremes and its closed-cell configuration virtually eliminates moisture absorption and vapor transmission problems. Rust is no problem either - even at a building's bases and eaves. G-10 will not crack, shrink, or dry out as do conventional closures. Use G-10 where chemical resistance to atmospheric contaminants is necessary.

G-10 Specifications:

- Flexible, Cross-Linked, Closed-Cell Polyethylene
- Excellent Service Temperature Polyethylene
- Excellent Moisture Barrier
- Excellent Insulating Properties
- Remain Stable -100°F to +180°F.

G-10 Product Specs

Typical Physical Properties:

Density:	2.0 lbs/foot ³
Water Absorption (ASTM D-1667)	0.04 lbs/sqr ft
Compressive Strength, Psi (ASTM D-1056)	5.5 @ 25% Deflection
	14 @ 50% Deflection
	42 @ 75% Deflection

Compression Set 22 Hrs. @ 50% Deflection:

24 Hr. Recovery (ASTM D-1667)	16% Loss
Tensile Strength (ASTM D-1564)	45 Psi
Elongation (ASTM D-1564)	125% to break
Tear Resistance (ASTM D-624)	10.5 lbs/in
Dimensional stability % shrinkage,	
7 days. No load, Maximum:	2.0% @ Room Temperature
	2.0% @ 158°F
	3.0% @ 200°F

Cold Crack 180°F, 2" Mandrel:

24 Hrs @ -50°F (ASTM D-1912)	No Failures
Service Temperature	-100°F to +180°F
Thermal Conductivity (K-Factor) C-518	0.24
Ozone - 100 PPHM 100°F,	
400 Hrs 20% elongation (ASTM D-518A)	No Change
Weatherometer 2 Hr cycles	
for 250 Hrs (ASTM D-1646)	No Change



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EPDM Panel Closure

EPDM is our heavy-duty line of closures. They are made of the highly durable polymer EPT/Polyethylene/Butyl. This closed-cell material virtually eliminates moisture absorption and water vapor transmission. Water absorption rates are much lower than most other closures. It will not crack, shrink, or dry out like conventional closures and remains pliable and easily handled.

EPDM has excellent resistance to atmospheric contaminants and weather conditions.

EPDM Product Specs

Physical Properties:

Density:	5-8 lbs/ft ³
Water Absorption (ASTM D-1056)	By weight 5% max By volume 1% max
Military Specs (ASTM D-1056-68 & D1056-78)	MIL-670B
Compressive Strength	25% deflection 4-7Psi
Tensile Strength	40Psi
Elongation	225% to break
Dimensional Stability % shrinkage,	
7 days. No load, Maximum:	3.0% @ Room temperature 5.0% @ 158°F
Service Temperature	-50°F to +150°F
Ozone - 100 PPM 100°F,	
400 Hrs 20% elongation (ASTM D-518A)	No change
Weatherometer 2 Hr cycle for 250 Hrs (ASTM D-1646)	No change



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DIAGRAM	PANEL PROFILE	Pitch of Corr.	Height of Corr.	Width of Strip	Length of Strip
	11/16 Flat Strip for 2-1/2" Vertical	N/A	11/16"	1"	40"
	2.5" Corrugated	2-1/2"	9/16"	1"	38-1/2"
	2.66" Corrugated	2.66"	1/2"	1"	36" 36.9"
	2.66" Corrugated	2.66"	9/16"	1"	36"
	2.67" Corrugated	2.67"	7/8"	1"	36" 41.385"
	4" Rib Rib Inner/Outer	4" 4"	1" 1"	1"	40" I 40" O
	4.2" Corrugated Non-Tapered	4.2"	1-1/16"	1"	39.9"
	4-7/8" V-Beam	4-7/8"	1-3/4"	1"	36-3/16"
	5.33" V-Beam	5.33"	1-3/4"	1"	40"
	Bink Rib/Fabral Hefli-Rib	7.2"	1-1/2"	1"	39.6"
	Binkley Pan-L Rib Inner/Outer	12" 12"	1-1/2" 1-1/2"	1"	36" I 36" O
	Inner-Outer Rib II Outer-Shadow Rib II	12" 12"	1-1/2" 1-1/2"	1"	36" I 36" O
	Cincinnati Regal Rib Inner/Outer	12" 12"	9/16" 9/16"	1"	36" I 36" O
	R-panel Inner/Outer	12"	1-1/4"	1"	36"
	R-Panel with Dovetail Inner/Outer	12"	1-1/4"	1"	36"
	M-Panel with Dovetail Inner/Outer	6"	3/4"	1"	36"
	Granite City Strong Panel Inner/Outer	9" 9"	9/16" 9/16"	1"	36" I 36" O
	McElroy Max-Rib Inner/Outer	9" 9"	3/4" 3/4"	1"	36" I 36" O
	Republic Rigid Rib	3"	1/2"	1"	30" 36"
	Reynolds Rain Lock	2.67"	9/16"	1"	48"
	Robertson Huski Rib	7"	1-1/2"	1"	38-1/2"
	Wheeling Channel Drain Inner/Outer	6" 6"	1/2" 1/2"	1"	36" I 36" O
	Wheeling Panel Drain Inner/Outer	3" 3"	1/2" 1/2"	1"	30" I 30" O
	B Deck Outer (Small plug) Inner (Big plug)	6" 6"	1-1/2" 1-1/2"	1"	36" I 36" O

All closures also available in other thicknesses. Fire retardent materials available. Many closure configurations not shown are available.

All test results and recommendations are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information.



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