



Ensolute® EGO

SOFT, CLOSED CELL
EXPANDED RUBBER
IN ROLL FORM



- EPDM
- Soft, closed cell expanded rubber
- Manufactured in rolls
- ASTM D 1056-14 2A0
- GMW 15473 (Feb 2008) Class I Type III (with exceptions)

 **armacell**®

Engineered For Success.



EGO Continuous Rolls / Sheets **Closed Cell Expanded Rubber**

Polymer	EPDM
Color	Black
Classifications	
ASTM D 1056-14	2A0

Data Sheet:

Physical Properties	Unit	Test Method	Typical Result
Density	lb/ft ³	ASTM D 1056	4.5 ± 1.5
	kg/m ³	ASTM D 1056	72 ± 24
Hardness, Durometer Shore 00		ASTM D 2240	25 ± 10
25% Compression Deflection	psi	ASTM D 1056	<2
	kPa	ASTM D 1056	<13.8
50% Compression Set (Room Temp)	%	ASTM D 1056	≤45
Tensile Strength	psi	ASTM D 412 (Die A)	25 min. (Note 1)
	kPa	ASTM D 412 (Die A)	172 min.
Tear Strength	lb./in.	ASTM D 624 (Die C)	TBD
	kN/m	ASTM D 624 (Die C)	TBD
Elongation	%	ASTM D 412 (Die A)	125 min.
Service Temperature (Note 2)			
Low (180° bend)	°F (°C)	ASTM D 1056	-70°F (-56°C)
High Intermittent (Note 3)	°F (°C)		250°F (121°C)
Water Absorption			
Maximum weight change	%	ASTM D 1056	10 max.
Fluid Immersion (7 days @ 23°C [73.4°F]) ASTM Ref. Fuel B, Weight Change	%	ASTM D 1056	Not Applicable
Accelerated Aging (7 days at 70°C [158°F]) Change in Compression Deflection	%	ASTM D 1056	±30
Combustion Characteristics (Note 4)		Thicknesses	Comments
FMVSS-302	Burn Rate	Pass @ 4.76 mm (0.1875") and higher	Requirements: 4" min. (101.6 mm/min.) max. burn rate
UL94	UL listed		Not Applicable
UL 50 / UL50E (Gaskets & Seals)	UL 50E Listed		Not Applicable

- (1) Tested skin 1 side
- (2) This recommendation is based on polymer type only. For specific application requirements please contact technical services
- (3) This temperature is the maximum allowable for intermittent exposure only. For continuous use temperature please contact technical services.
- (4) Flammability – This data refers to typical performance in the specific test indicated. This data should not be construed to imply the behavior of material in other fire conditions.



**Seal & Design
Able Division**
5533 Steeles Avenue West Unit 11
Toronto, Ontario M9L 1S7
Ph: (416) 741-0750
Gasket@AbleSealAndDesign.com

**Seal & Design
Corporate Headquarters**
4015 Casilio Parkway
Clarence, NY 14031
Ph: (716) 759-2222
Info@SealAndDesign.com
www.SealAndDesign.com

**Seal & Design
Higbee Division**
6741 Thompson Rd N
Syracuse, NY 13221
Ph: (315) 432-8021
Sales@Higbee-Inc.com