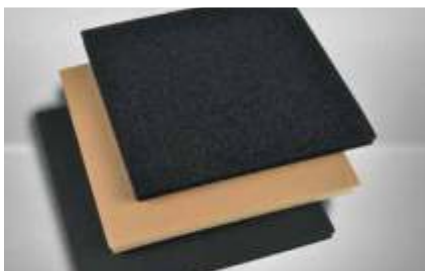




Ensolite®

Monarch®

ELASTOMERIC COMPONENT FOAM GASKETS AND SEALS FOR THE OEM MARKET



Meets requirements for:

- Heat resistance
- Oil and fuel resistance
- Flame resistance
- Chemical resistance
- Ozone/weather resistance
- Low temperature resistance

 **armacell®**

Engineered For Success.

Bun Properties:

Brand	Product #	ASTM D 1056-14 Designation	Polymer	Density (lb/ft ³)		Density (kg/m ³)	25% CD (psi)		25% CD (kPa)	Color	Cell Structure	Notes
				Lower Limit	Upper Limit		Lower Limit	Upper Limit				
Monarch	2001	2A1 / 2C1	Neoprene Based	7	11	112 to 176	2	5	14 to 34	Black	Closed Cell	UL50E Listed (Gaskets & Seals)
Monarch	2002	2A2 / 2C2	Neoprene Based	7	11	112 to 176	5	9	34 to 62	Black	Closed Cell	UL50E Listed (Gaskets & Seals)
Monarch	2045	2A5 / 2C5	Neoprene Based	15	23	240 to 368	17	25	117 to 172	Black	Closed Cell	Penn DOT Approved Source List
Monarch	2055	2A5	Neoprene Based	10	14	160 to 224	17	25	117 to 172	Black	Closed Cell	UL94 Listed (Flame)
Monarch	3043	2A3 / 2A4	100% EPDM	16	22	256 to 352	9	15	62 to 103	Black	Closed Cell	High resilience / closed cell 100% EPDM
Monarch	3091	2A1	100% EPDM	3	5	48 to 80	2	5	14 to 34	Black	Closed Cell	Soft closed cell EPDM
Monarch	5013	2A3	EPDM / CR / SBR	7	11	112 to 176	9	13	62 to 90	Black	Closed Cell	UL50E (Gaskets & Seals) / UL94 (Flame)
Monarch	5031	2A1	EPDM / CR / SBR	4	8	64 to 128	2	5	14 to 34	Black	Closed Cell	UL50E (Gaskets & Seals) / UL94 (Flame)
Monarch	5032	2A2	EPDM / CR / SBR	4	8	64 to 128	5	9	34 to 62	Black	Closed Cell	UL50E (Gaskets & Seals) / UL94 (Flame)
Monarch	8001	2A1	100% EPDM	7	11	112 to 176	2	5	14 to 35	Black	Closed Cell	
Monarch	8002	2A2	100% EPDM	7	11	112 to 176	5	9	34 to 62	Black	Closed Cell	UL50E Listed (Gaskets & Seals)

Roll Properties:

Ensolite	ECF-400	1A0*	EPDM	4	8	64 to 128		1 max	6.9 max	Black	Semi Closed	* Exception to elevated temp. compression set UL50 Listed (Gaskets & Seals)
Ensolite	EF0	1A0*	EPDM	4	8	64 to 128		1 max	6.9 max	Black	Semi Closed	* Exception to elevated temp. compression set
Ensolite	EG0	2A0	EPDM	3	6	64 to 128	0	2	0 to 13.8	Black	Closed Cell	Very soft closed cell EPDM
Ensolite	IG1	2A1 / 2C1 / 2B1	NBR / PVC / CR	4	6	64 to 96	2	5	14 to 34	Black	Closed Cell	UL 94 Flame Listed
Ensolite	IG2	2A2 / 2C2 / 2B2	NBR / PVC / CR	5.5	7.5	88 to 120	5	9	34 to 62	Black	Closed Cell	UL 94 Flame Listed
Ensolite	IG3	2A3 / 2C3 / 2B3	NBR / PVC / CR	7	9.5	112 to 152	9	13	62 to 90	Black	Closed Cell	
Ensolite	IR41	2A1 / 2C1 / 2B1	NBR / PVC / CR	4	7	64 to 112	2	5	14 to 34	Black	Closed Cell	Density (3/8" or 9.53 mm & higher) UL50E Listed (Gaskets & Seals)
Ensolite	IR41	2A1 / 2C1 / 2B1	NBR / PVC / CR	4	10	64 to 160	2	7	14 to 48	Black	Closed Cell	Density (1/4" or 6.35 mm & lower) UL50E Listed (Gaskets & Seals)
Ensolite	IU0	2A1 / 2C1 / 2B1	NBR / PVC	2.5	5	40 to 80	2	5	14 to 34	Black	Closed Cell	Soft closed cell NBR / PVC / UL94 (Flame)
Ensolite	IV1	2A1 / 2C1	NBR / PVC / CR	3	5.5	48 to 88	2	5	14 to 34	Black	Closed Cell	UL 94 Flame & UL50E Listed (Gaskets & Seals)
Ensolite	IV2	2A2 / 2C2 / 2B2	NBR / PVC / CR	5.5	7.5	88 to 120	5	9	34 to 62	Black	Closed Cell	UL50E Listed (Gaskets & Seals)
Ensolite	MLC-Black	2A1 / 2C1	NBR / PVC	3.5	5.5	56 to 88	2	3.5	14 to 28	Black	Closed Cell	UL50E Listed (Gaskets & Seals)
Ensolite	SF0	1B0*	NBR / PVC	3.5	5.5	56 to 88		0.4 max	2.8 max	Black	Semi Closed	* Exception to elevated temp. compression set

Armacell India Pvt. Ltd.

GAT No. 744-745, Village Lonikand, Pune Nagar Road • 412216 Pune •

Maharashtra • India

Phone +91 20 66782000

www.armacell.com • info.isa@armacell.com

CIN: U24293PN2005FTC131939



Armacell provides this information as a technical service. To the extent the information is derived from sources other than Armacell, Armacell is substantially, if not wholly, relying upon the other source(s) to provide accurate information. Information provided as a result of Armacell's own technical analysis and testing is accurate to the extent of our knowledge and ability, as of date of printing, using effective standardized methods and procedures. Each user of these products, or information, should perform their own tests to determine the safety, fitness and suitability of the products, or combination of products, for any foreseeable purposes, applications and uses by the user and by any third party to which the user may convey the products. Since Armacell cannot control the end use of this product, Armacell does not guarantee that the user will obtain the same results as published in this document. The data and information are provided as a technical service and are subject to change without notice.