



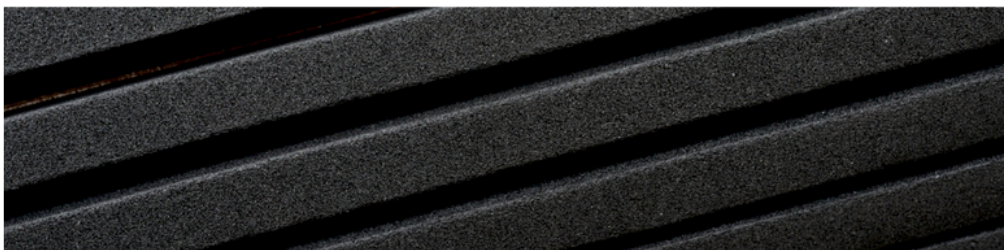
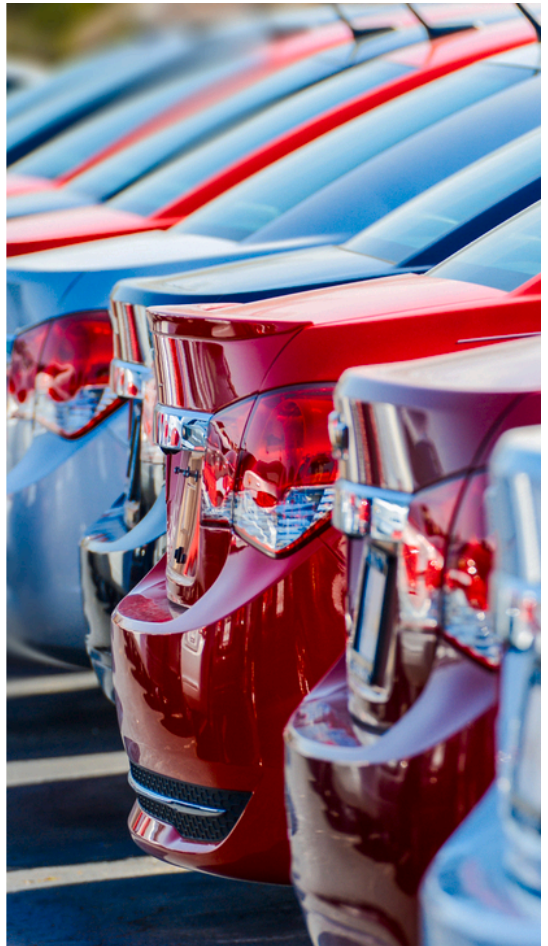
DRIVEN BY PERFORMANCE

# Monarch 3092

Engineered as a versatile solution for applications such as gaskets and indoor or outdoor seals.

- // Low density
- // Soft to medium firmness
- // Superior resistance to ozone weathering
- // Broad service temperature range
- // Meets OEM specification

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MAKING A DIFFERENCE AROUND THE WORLD

## TECHNICAL DATA - MONARCH 3092

Brief description	Product available in gray (3992)
Product color range	Black
ASTM D 1056 Designation	2A1/2A2
Cell structure	Closed
Form	Bun
Polymer	100% EPDM
Applications	General purpose

Source	Specification	Comments
<b>Approvals and specifications</b>		
MAHLE	GN AR 06220 Par 6.10	Previously Delphi SD2-207 Par 6.10

Property	Value / Assessment						Standard / Test method
<b>Temperature range</b>							
Service temperature	Min. °C	Min. °F	Max. °C (intermittent)	Max. °F (intermittent)	Max. °C	Max. °F	ASTM D1056
	-75	-103	121	250	104	220	
<b>Flammability</b>							
Flame FMVSS 302 (burn rate)	3.94 in/minute (100 mm/minute) max Passes at 0.188 in (4.76 mm) and higher						FMVSS 302
<b>Resistance to water</b>							
Water absorption by vacuum	5% max						ASTM D1056
<b>Physical attributes</b>							
Density	3 - 5 lb/ft <sup>3</sup> 48 - 80 kg/m <sup>3</sup>						ASTM D1056
<b>Mechanical properties</b>							
Compression set	50% max						ASTM D1056
Tensile strength	35 psi min 241 kPa min						ASTM D412 (Die A)
Elongation	125% min						ASTM D412 (Die A)
Tear strength	5.7 lb/in min 1 kN/m min						ASTM D624 (Die C)
Hardness durometer shore 00	35 - 55						ASTM D2240
Resilience	50 - 60%						ASTM D2632
<b>Compression deflection</b>							
Compression deflection 25%	4 - 8 psi 28 - 55 kPa						ASTM D1056
Change in compression deflection	±30 %						ASTM D1056

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## ABOUT ARMACELL

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As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 25 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

For more information, please visit:  
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