



EASY-TO-INSTALL MATERIAL
FOR RELIABLE CUSHIONING

ArmaComp[®] Uniskin

One-sided skin foam that meets stringent dimensional tolerance requirements in original equipment manufacturer (OEM) applications.

- // Variety of low thickness options
- // Excellent adhesion properties
- // Tough and flexible insulation

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 **armacell**[®]
ArmaComp[®]

TECHNICAL DATA - ARMACOMP UNISKIN

Brief description	ArmaComp Uniskin is a skived thermal insulation material with a one-sided skin. This offers excellent adhesion properties and makes it easy to install, especially in original equipment manufacturer (OEM) applications which has stringent dimensional tolerance requirements.
Material type	Elastomeric foam based on synthetic rubber (NBR).
Colour	Black.
Product range ¹	Available in sheets of 3mm, 5mm, 6mm, 9mm, 12mm and 16mm thickness.
Applications	ArmaComp Uniskin is ideal for oil seal cushioning, vibration dampening, thermal insulation, automotive thermal and cushioning gaskets, HVAC insulation tapes, gaskets for duct joints, condensate plate and air handling units.

Property	Value/Assessment		Standard/Test method
Temperature range			
Service temperature	Max. service temperature	+85 °C	EN 14706
	Min. service temperature	0 °C	EN 14304
Thermal conductivity			
Declared thermal conductivity	$\lambda_{23^{\circ}\text{C}} \leq 0.0338 \text{ W/(m}\cdot\text{K)}$		EN 12667
Fire performance and approvals			
Flammability	ArmaComp Uniskin	ArmaComp Uniskin Pro	FMVSS 302
	Passed	Passed	
Resistance to water vapour			
Water absorption by volume	ArmaComp Uniskin	ArmaComp Uniskin Pro	ASTM C1763
	6 %	9 %	
Other technical features			
Density	ArmaComp Uniskin	ArmaComp Uniskin Pro	EN ISO 2781
	45 ± 5 kg/m ³	45 ± 5 kg/m ³	
Tensile strength	207 kPa	199 kPa	EN ISO 1788
Elongation	193 %	241 %	EN ISO 1788
Tear strength	2 N/mm	3 N/mm	DIN ISO 34-1 Method B
Compression set at 50% at 23 °C for 22 hours	34 %	27 %	EN ISO 1856
Compression deflection at 25%	15 kPa	13 kPa	ASTM D1056

±1mm thickness tolerance

For customized requirements please get in touch with your nearest Armacell representative

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. Armacell takes every precaution to ensure the accuracy of the data provided in this document and all statements, technical information and recommendations contained within are believed to be correct at the time of publication. By ordering/receiving product you accept the **Armacell General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received these.

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic 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 3,135 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:
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