



ENGINEERED FOR VERSATILITY

EnsoLine 1600 Grip

Profile shapes engineered to meet specified technical requirements across multiple industries.

- // Medium firmness
- // Variety of color options
- // Custom tubes, rods, profiles to meet your application needs

www.armacell.us



 **armacell**[®]
ArmaComp[™]

TECHNICAL DATA - ENSOLINE 1600 GRIP

Product color range	Black, Natural
ASTM D 1056 Designation	2A3/2C3
Cell structure	Closed
Form	Profile
Polymer	NBR/PVC

Property	Value / Assessment				Standard / Test method
Temperature range					
Service temperature	Min. °C	Min. °F	Max. °C (intermittent)	Max. °F (intermittent)	ASTM D1056
	-40	-40	104	220	
Flammability					
Flame FMVSS 302 (burn rate)	3.94 in/minute (100 mm/minute) max Passes at 0.500 in (12.7 mm) and higher				FMVSS 302
Resistance to water					
Water absorption by vacuum	5% max				ASTM D1056
Physical attributes					
Density	15 - 19 lb/ft ³ 240 - 304 kg/m ³				ASTM D1056
Mechanical properties					
Compression set	25% max				ASTM D1056
Tensile strength	175 psi min 1207 kPa min				ASTM D412 (Die A)
Elongation	150% min				ASTM D412 (Die A)
Hardness durometer shore 00	10 - 30				ASTM D2240
Fluid immersion	75% max				
Compression deflection					
Compression deflection 25%	9 - 13 psi 62.1 - 89.6 kPa				ASTM D1056
Change in compression deflection	±30 %				ASTM D1056

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. 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. This document does not constitute nor is part of a legal offer to sell or to contract.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our Data Protection Policy.

Trademarks followed by © or TM are trademarks of the Armacell Group. © Armacell, 2023. All rights reserved.

ArmaComp | EnsoLine 1600 Grip | TDS | 112023 | en-US

ABOUT ARMACELL

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 27 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:
www.armacell.com

