



ENGINEERED FOR VERSATILITY

EnsoLine 1200 Grip

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

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

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ArmaComp[™]

TECHNICAL DATA - ENSOLINE 1200 GRIP

Product color range	Black, White, Green, Red, Blue, Dark gray, Light gray, Natural, Brown, Gray
ASTM D 1056 Designation	2A2/2C2
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
	-28.8	-20	93.3	200	
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	11 - 15 lb/ft ³ 176 - 240 kg/m ³				ASTM D1056
Mechanical properties					
Compression set	25% max				ASTM D1056
Tensile strength	125 psi min 862 kPa min				ASTM D412 (Die A)
Elongation	150% min				ASTM D412 (Die A)
Tear strength	23 lb/in min 4.0 kN/m min				ASTM D624 (Die C)
Hardness durometer shore 00	50 - 70				ASTM D2240
Fluid immersion	150% max				ASTM D1056
Compression deflection					
Compression deflection 25%	5.0 - 9.0 psi 34.5 - 62.1 kPa				ASTM D1056
Change in compression deflection	±30 %				ASTM D1056

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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:
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