

TECHNICAL DATA SHEET (effective 4FEB21)

Armacell (EnsoLite[®]) FC0 Continuous Rolls/Sheets

Polymer: NBR/PVC

Physical Property		Test Method	Unit	Requirement
Cell Structure		---	---	Semi-closed cell
Color		---	---	Black
ASTM D 1056 Designation		---	---	1A0 (Note 1)
Compression Deflection 25%		ASTM D 1056	psi kPa	0.4 max 2.7 max
Density		ASTM D 1056	lb/ft ³ kg/m ³	3.5 - 7.0 56 - 112
Elongation		ASTM D 412 Die A	%	125 min
Tensile Strength		ASTM D 412 Die A	psi kPa	25 min 172 min
Temperature	Low		°F °C	-40 -40
	High		°F °C	200 93.3
Thermal Conductivity		ASTM C 518	BTU-in/hr sq. ft °F (W/mK)	0.279 typical (0.040 typical)
Flame Resistance		FMVSS 302	Burn rate	Pass @ most thicknesses
UL 94		HF-1, V-0, 5VA	UL File #: QMFZ2:E55798	Pass @ 6 mm (0.236") Minimum thickness

Note1: Exception to compression set at elevated temperature (70°C /158°F)

All data and technical information are based on results achieved under typical application conditions. 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. 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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