

FOR OUTDOOR AND HIGH TEMPERATURE APPLICATIONS

ArmaFlex HT-C

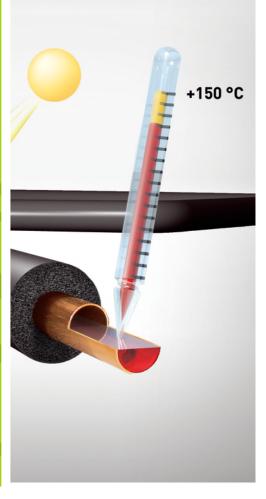
// High temperature resistance

// Resists UV

// Reduces risk of corrosion under insulation (CUI)











TECHNICAL DATA - ARMAFLEX HT-C

Brief description	ArmaFlex HT-C is a highly flexible, closed-cell insulation material for outdoor and high temperature application.			
Material type	Factory-made flexible elastomeric foam based on ethylene propylene diene methylene (EPDM), according to EN 14304.			
Product colour range	Black			
Applications	Thermal insulation of pipes, vessels and ducts in solar collectors , motor vehicles, hot gas lines, steam lines and dual temperature			
Installation	Please refer to the Arma			
Property	Value / Assessment			Standard / Test method
Temperature range	_			
Service temperature ¹	Min. °C		Max. °C	
	-50		150	
	Remarks		+125°C if sheet is glued to the object with its who surface Contact Armacell for applications beyond recommended service temperature range.	le
Thermal conductivity				
Declared thermal conductivity	θm	0℃	40℃	GB/T 10294, GB/T 10295, GB/T 10296, GB/T 17794
	$\lambda d \leq [W/(m \cdot K)]$	0.038	0.042	—— GB/1 10270, GB/1 1//74
Fire Performance and Approval	ls			
Surface spread of flame	Class 1			BS 476 Part 7
Fire performance	_			
Practical fire behaviour	Does not generate flaming droplets.			
Resistance to water vapour	_			
Water vapour diffusion resistance factor	µ ≥ 2500	GB/T 17794		
Weather and UV resistance				
Outdoor use	Under certain conditions i on the material. However, thermal conductivity and b			
Health and environment				
Health aspects	Free of fibre and formaldehyde.			

At high service temperatures, a certain hardening process may start on the inner surface of the material. Investigations have shown that these changes have no impact on the good physical and fire protection properties of the material, provided the material is installed in a correct way with all its joints properly sealed. For specific applications please consult our technical service.

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 completance 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 ™ are trademarks of the Armacell Group. © Armacell, 2023 All rights reserved

TDS | 052024 | en-PH

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 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.

