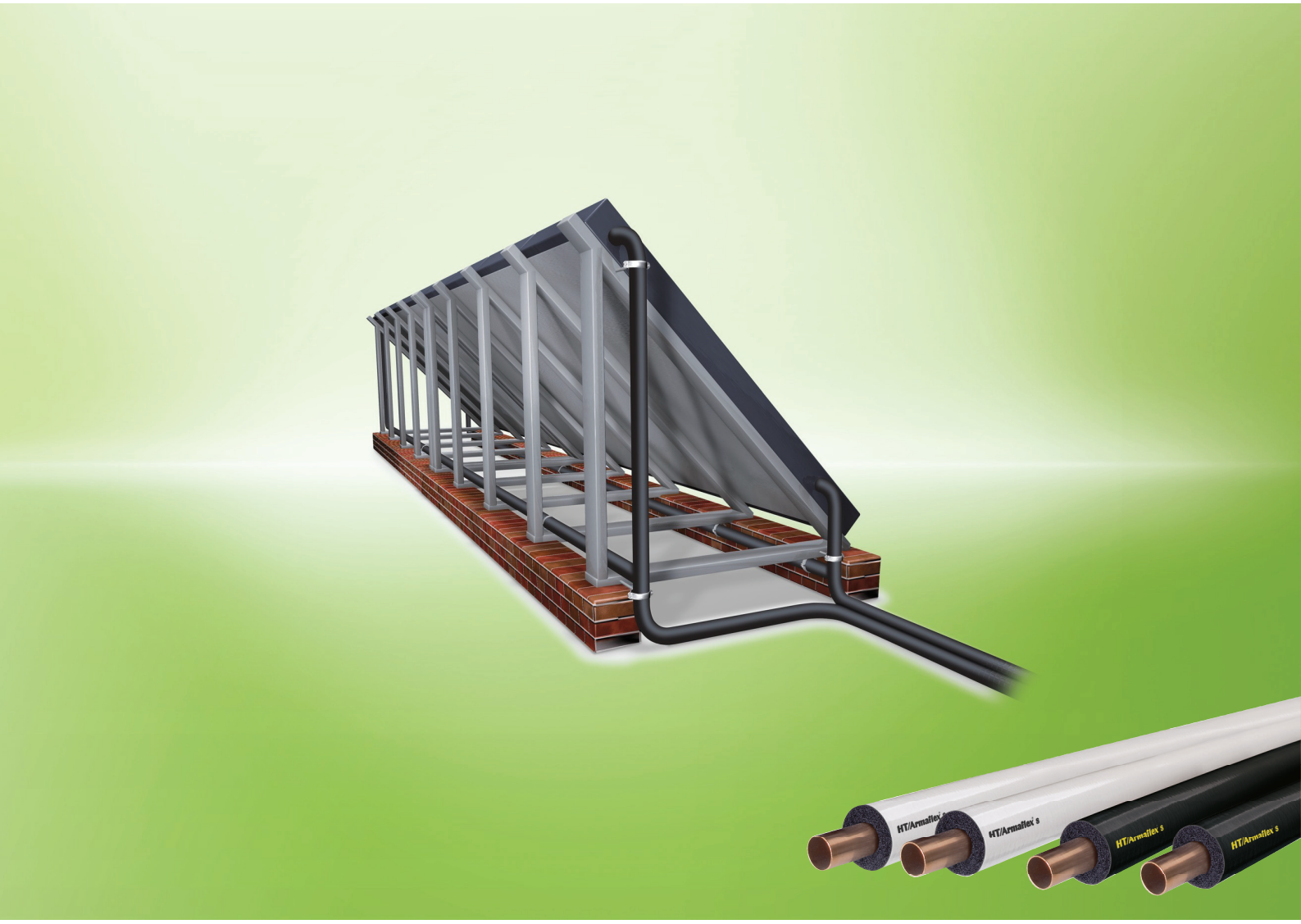
HT/Armaflex® S

FOR HIGH TEMPERATURE OUTDOOR APPLICATIONS



- Delivers superior long-term durability
- Coating provides good resistance to UV radiation and mechanical impact
- Reduces risk of corrosion under insulation (CUI)

Technical Data - HT/Armaflex S

Brief description	Highly flexible, closed cell insulation material based on extruded elastomer foam, covered with a polyolefin- copolymer coating. Especially designed for outside- and high temperature applications of up to +150 °C.
Material type	Insulation: Synthetic EPDM rubber based foam. Factory made flexible elastomeric foam (FEF) according to EN 14304. Facing: polyolefin- copolymer coating.
Colour	white / black (facing)
Applications	Thermal insulation for pipework in: solar collectors including outdoors, motor vehicles, hot gas lines and steam and dual temperature lines.
Special Features	Resistant to UV radiation.
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP" : www.armacell.com/DoP

Property	Value/Assessment			Test*1	Special Remark
Temperature Range					
Temperature Range[1]	max. service temperature	+ 150 °C	(+ 85 °C for tapes)	EU 5768	Tested according to: EN 14706 EN 14707 EN 14304
	min. service temperature	-50 °C			
Thermal Conductivity					
Thermal Conductivity	ϑ_m 40	°C	λ=	EU 5786	Declared according to EN ISO 13787 Tested according to EN ISO 8497
	tubes λ ≤ 0,042	W/(m · K)	$[36{,}92 + 0{,}125 \cdot \vartheta_m + 0{,}0008 \cdot (\vartheta_m - 30)^2]/1000$		
Water vapour diffusion resistance					
Water vapour diffusion resistance	μ	≥	4.000	EU 5768	Tested according to EN 13469
Fire performance					
Reaction to fire	Euroclass	E		EU 5768	Classified acc. to EN 13501-1 Tested according to EN ISO 11925-2
Practical Fire Behaviour	Self-extinguishing, does not drip, does not spread flames				
Other technical features					
Dimensions and tolerances	In accordance with EN 14304, table 1			EU 5768	Tested acc. to EN 822, EN 823, EN 13467
UV resistance	Very Good			TB 142, D5793	Tested according to EN ISO 4892-2 (Xenon-test)

1. For temperatures above +125 °C or below -50 °C please contact our Customer Service Center to request for the corresponding technical information.
2. With outdoor applications, in certain circumstances the material may experience a discoloration of the surface and some minor surface cracks will appear. The visual appearance however has no influence on the physical properties of the material, such as thermal conductivity and behaviour in case of fire.

*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual. Please consult our Customer Service Center before insulating stainless steels. Armaflex HT625 adhesive must be used to guarantee proper installation. For temperatures below -50 °C or above +150 °C, please consult our Customer Service Center for further information.

Armacell Iberia, S.L.
Pol. Ind. Riera d'Esclanyà C/ Can Magí, 1 • 17213 Esclanyà - Begur • Girona • Spain
Phone +34 972 61 34 43 • Fax +34 972 98 26 69
www.armacell.es • info.es@armacell.com

-0031-180207-en(ES)