



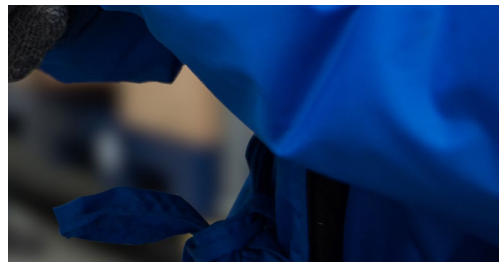
FLEXIBLE EVEN IN COLD
TEMPERATURES

ArmaFlex[®] CT

The ideal tube insulation trusted for
flexibility and reliable condensation control
in cold temperature applications

- // High performance insulation that remains flexible even at -20°C
- // Easy installation, also for maintenance purposes
- // Recommended solution for cold temperature environments,
such as refrigerated warehouses

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 **armacell**[®]
ArmaFlex[®]

TECHNICAL DATA - ARMAFLEX CT

Brief description	Highly flexible, closed-cell insulation material based on extruded elastomer foam with flexibility in cold temperature applications.
Material type	Synthetic EPDM rubber-based foam. Factory-made flexible elastomeric foam (FEF).
Colour	Black.
Special features	Flexibility and reliable condensation control in cold temperature applications and resistant to UV radiation.
Applications	Thermal insulation of pipes in cold temperature environments such as refrigerated warehouses.
Installation	Refer to the ArmaFlex installation manual and relevant Technical Bulletins before application.

Property	Value/Assessment			Standard/Test method
Temperature range				
Service temperature	Range	Minimum [°C]	Maximum [°C]	
	Full range	-50	+150	
	Remarks	Contact Armacell for application beyond recommended service temperature range.		
Thermal conductivity				
Declared thermal conductivity	θ_m	0 °C	+40 °C	EN 12667, EN ISO 8497, JIS A 1412-3
	$\lambda_d \leq [W/(m \cdot K)]$	0.038	0.042	
Resistance to water vapour				
Water vapour diffusion resistance factor	$\mu \geq 4,000$			EN 12086
Fire performance				
Surface spread of flame	Class 1			BS 476 Part 7
Limiting oxygen index (LOI)	>32%			ISO 4589-2, JIS K 7201-2
Practical fire behaviour	Does not generate flaming droplets.			

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 our Technical department in due time whether or not the data and information apply to the intended application area..

Tube - standard (2.0m length)

Insulation inner diameter [mm]	Cu pipe outer diameter [inch]	Fe pipe outer diameter [mm]	Nominal diameter [DN]	20mm			25mm			32mm		
				Item	Carton content [m]	Carton content [pcs]	Item	Carton content [m]	Carton content [pcs]	Item	Carton content [m]	Carton content [pcs]
15	5/8	14	8	ACT-20X015	56	28	ACT-25X015	40	20	ACT-32X015	28	14
18				ACT-20X018	48	24	ACT-25X018	36	18	ACT-32X018	24	12
22	7/8	22	15	ACT-20X022	40	20	ACT-25X022	36	18	ACT-32X022	24	12
25	1	25		ACT-20X025	40	20	ACT-25X025	32	16	ACT-32X025	24	12
28	1-1/8	28	20	ACT-20X028	36	18	ACT-25X028	32	16	ACT-32X028	18	9
32	1-1/4	32		ACT-20X032	34	17	ACT-25X032	24	12	ACT-32X032	18	9
35	1-3/8		25	ACT-20X035	32	16	ACT-25X035	24	12	ACT-32X035	18	9
42	1-5/8		32	ACT-20X042	28	14	ACT-25X042	24	12	ACT-32X042	20	10
48	1-7/8		40	ACT-20X048	24	12	ACT-25X048	18	9	ACT-32X048	14	7
50				ACT-20X050	24	12	ACT-25X050	18	9	ACT-32X050	14	7

All items are made to order. Minimum order quantities and different lead times may apply.

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic 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 3,135 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:
www.armacell.com

