

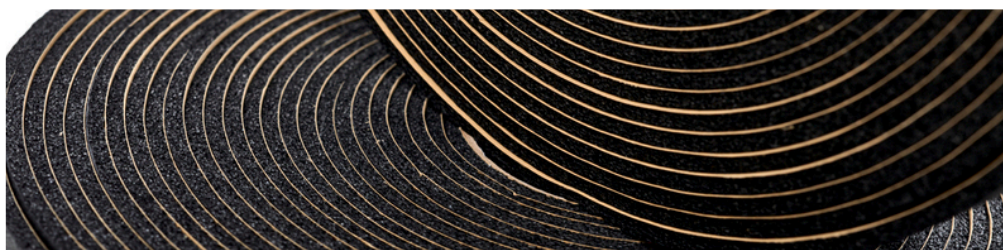
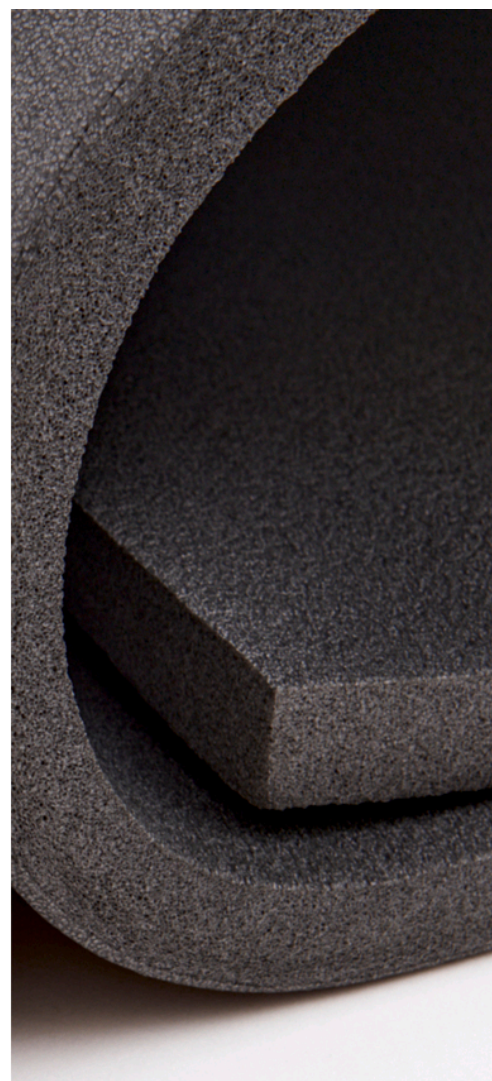
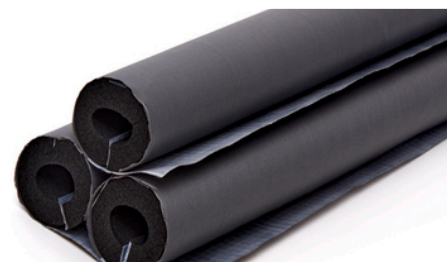


INSTALL IT. TRUST IT.

# ArmaFlex ACE

The economical flexible insulation

- // Flexible and easy to install
- // Effective reduction of thermal losses
- // Optimal range for application on most common installations



 **armacell**<sup>®</sup>  
ArmaFlex<sup>®</sup>

## TECHNICAL DATA - ARMAFLEX ACE

Brief description	Highly-flexible, closed-cell insulation material with high water vapour diffusion resistance and low thermal conductivity
Material type	Factory-made flexible elastomeric foam (FEF), according to EN 14304.
Product colour range	Black
Special features	The pressure-sensitive adhesive coating is based on modified acrylate basis with mesh structure and covered with polyethylene foil.
Applications	Insulation / protection of pipes, air ducts, vessels (incl. elbows, fittings, flanges etc.) of air-conditioning / refrigeration and process equipment as well as heating and plumbing lines to prevent condensation and save energy.
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: <a href="http://www.armacell.com/DoP">www.armacell.com/DoP</a>

Property	Value / Assessment	Standard / Test method
<b>Temperature range</b>		
Service temperature	Min. °C <sup>1</sup>	Max. °C
	-50	110
	Remarks	+85 °C if sheet or tape is glued to the object with its whole surface
<b>Thermal conductivity</b>		
Declared thermal conductivity	Øm	0 °C
	$\lambda d \leq [W/(m \cdot K)]$	0.036
	Range	Tubes 9-19 mm, sheets 6-25 mm, tape
	Formula	$[36 + 0,1 \cdot \varnothing m + 0,0008 \cdot \varnothing m^2]/1000$
Declared thermal conductivity	Øm	0 °C
	$\lambda d \leq [W/(m \cdot K)]$	0.038
	Range	Sheets 32-50 mm
	Formula	$[38 + 0,1 \cdot \varnothing m + 0,0008 \cdot \varnothing m^2]/1000$
<b>Fire Performance and Approvals</b>		
Reaction to fire	tubes D(L)-s3,d0 sheets D-s3,d0 tape B-s3,d0	EN 13501-1, EN 13823, EN ISO 11925-2
<b>Fire performance</b>		
Practical fire behaviour	Self-extinguishing, does not drip, does not spread flames	
<b>Physical attributes</b>		
Dimensions and tolerances	In accordance with EN 14304, table 1	EN 822, EN 823, EN 13467
<b>Weather and UV resistance</b>		
UV resistance	Protection against UV-radiation is necessary. See TB 142	
<b>Other technical features</b>		
Shelf life	Self-adhesive tapes, self-adhesive sheets: 1 year	
Storage	Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C –35 °C).	

<sup>1</sup> For temperatures below -50 °C please contact our Customer Service Center to request for the corresponding technical information.

Tube – standard. Black. Packed in cartons, length: 2 m

9 mm				13 mm				19 mm			
Pipe Ø [mm]	Item	EAN	Primary content [metric]	Pipe Ø [mm]	Item	EAN	Primary content [metric]	Pipe Ø [mm]	Item	EAN	Primary content [metric]
18	ACE-09X018	7612207354119	166 m	18	ACE-13X018	7612207354287	104 m	22	ACE-19X022	7612207354454	56 m
22	ACE-09X022	7612207354126	140 m	22	ACE-13X022	7612207367911	100 m	28	ACE-19X028	7612207354461	48 m
28	ACE-09X028	7612207367805	98 m	28	ACE-13X028	7612207367928	82 m	35	ACE-19X035	7612207367980	38 m
35	ACE-09X035	7612207354140	76 m	35	ACE-13X035	7612207367935	60 m	42	ACE-19X042	7612207354485	32 m
42	ACE-09X042	7612207367812	64 m	42	ACE-13X042	7612207354324	50 m	48	ACE-19X048	7612207367997	28 m
-	-	-	-	48	ACE-13X048	7612207367942	42 m	60	ACE-19X060	7612207354515	24 m
-	-	-	-	54	ACE-13X054	7612207367959	38 m	-	-	-	-

Other information

Thickness tolerance	9, 13 mm: ±1.5 mm 19 mm: ±2.5 mm
Length tolerance	±1,5%

Tube – standard. Black. Packed in cartons, length: 2 m

25 mm	
Pipe Ø [mm]	Item
	ACE-32X108
	ACE-32X080
	ACE-32X057
	ACE-32X054
	ACE-32X048
	ACE-32X022
	ACE-32X010
	ACE-32X025
	ACE-32X022
	ACE-32X018
	ACE-32X015
	ACE-32X012
	ACE-32X064
	ACE-32X060
	ACE-32X114
	ACE-32X070
	ACE-32X102
	ACE-32X064
	ACE-32X018
	ACE-32X054
	ACE-32X108
	ACE-32X089

**Tube – standard. Black. Packed in cartons, length: 2 m**

25 mm	
Pipe Ø [mm]	Item
	ACE-32X042
	ACE-32X010
Other information	
Thickness tolerance	9, 13 mm: ±1.5 mm 19 mm: ±2.5 mm
Length tolerance	±1,5%

**Roll - standard. Black. Packed in carton, width: 1 m**

Item	Insulation thickness [mm]	Length [m]	EAN	Primary content [metric]
ACE-06-99/E	6	15	7612207242607	15 m <sup>2</sup>
ACE-09-99/E	9	10	7612207242621	10 m <sup>2</sup>
ACE-13-99/E	13	8	7612207242744	8 m <sup>2</sup>
ACE-19-99/E	19	6	7612207242768	6 m <sup>2</sup>
ACE-25-99/E	25	4	7612207242508	4 m <sup>2</sup>
ACE-32-99/E	32	3	7612207242720	3 m <sup>2</sup>
ACE-40-99/E	40	6	7612207397147	6 m <sup>2</sup>
ACE-50-99/E	50	4	7612207397093	4 m <sup>2</sup>
Other information				
Thickness tolerance	6 mm: ±1.0mm 7 - 19mm: ±1.5mm >19mm: ±2.0mm			
Length tolerance	±1.5%			
Width tolerance	±2.0%			

**Roll - standard self-adhesive. Black. Packed in carton, width: 1 m**

Item	Insulation thickness [mm]	Length [m]	EAN	Primary content [metric]
ACE-06-99/EA	6	15	7612207242614	15 m <sup>2</sup>
ACE-09-99/EA	9	10	7612207242638	10 m <sup>2</sup>
ACE-13-99/EA	13	8	7612207242751	8 m <sup>2</sup>
ACE-19-99/EA	19	6	7612207242775	6 m <sup>2</sup>
ACE-25-99/EA	25	4	7612207242782	4 m <sup>2</sup>
ACE-32-99/EA	32	3	7612207242737	3 m <sup>2</sup>
ACE-40-99/EA	40	6	7612207397109	6 m <sup>2</sup>
ACE-50-99/EA	50	4	7612207397116	4 m <sup>2</sup>
Other information				
Thickness tolerance	6 mm: ±1.0mm 7 - 19mm: ±1.5mm >19mm: ±2.0mm			
Length tolerance	±1.5%			
Width tolerance	±2.0%			

**Tape – self-adhesive. Black**

Item	Description	Thickness [mm]	Width [mm]	Length [m]	EAN	Primary content [pieces]
ACE-TAPE/50	ArmaFlex ACE tape	3	50	15	7612207242591	12 roll

**Accessories**

Item	Description	Primary content [pieces]
CUTTING-SET	ArmaFlex knife set (3 knives and 1 sharpening stone).	1 set
GLUEMASTER B	ArmaFlex Gluemaster adhesive pump	12 piece
GLUEM-BRUSH11MM	Extra brush points with cap (11mm diameter) for use with ArmaFlex Gluemaster.	20 piece
GLUEM-BRUSH17MM	Extra brush points with cap (17mm diameter) for use with ArmaFlex Gluemaster.	20 piece

**Adhesives and Cleaners**

Item	Description	Primary content [pieces]
ADH520/0,25E	0.25 litre tins of ArmaFlex 520 adhesive with built-in brush, packed in a carton.	24 tin
ADH520/0,5E	0.5 litre tins of ArmaFlex 520 adhesive packed in a carton.	12 tin
ADH520/2,5E	2.5 litre tins of ArmaFlex 520 adhesive packed in a carton.	8 tin
ADH520/1,0E	1.0 litre tins of ArmaFlex 520 adhesive packed in a carton.	12 tin
CLEANER/1,0	Special cleaner for use with ArmaFlex adhesives	4 piece

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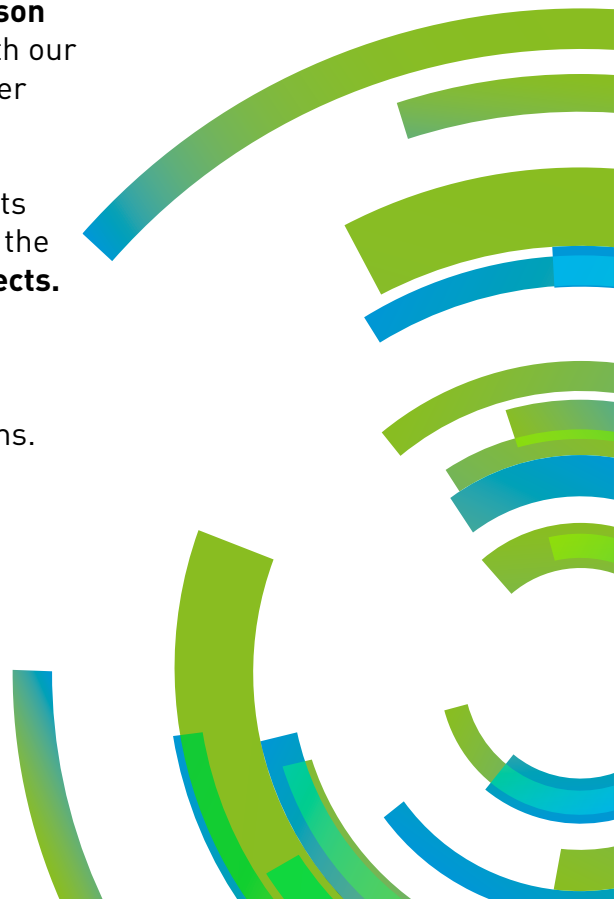
To offer our customers the best service, we hold stocks of our most popular products. **Lead times and form of delivery may vary per product and per country, and may be affected during peak season and holidays.** We aim to create open lines of communication with our customers, so please contact Customer Services who can answer questions about our service commitment to you.

We are pleased to offer you estimated lead times for our products in Poland. This information is displayed as “availability class” in the range tables of our price lists. **Use this as a guide for your projects.**

- A // Up to 3 working days\*
- B // 4 to 7 working days
- C // 7 - 14 working days
- D // Contact Armacell for details for these non-standard items.

Note:

- From the date shown on the order confirmation.
- This is a guide and not binding



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## ABOUT ARMACELL

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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 more than 3200 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 high-tech and lightweight applications and next generation aerogel blanket technology.



For more information, please visit:  
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