



INSTALL IT. TRUST IT.

# ArmaFlex 520 adhesive

The professional adhesive for seamless installation.

- // Easy application
- // Fast drying of seams
- // Specially formulated for ArmaFlex insulation
- // Ensures reliable vapour-tight joints
- // For operating temperatures up to +105°C
- // One-component industrial adhesive
- // Low viscosity, air drying adhesive

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ArmaFlex<sup>®</sup>



## TECHNICAL DATA - ARMAFLEX 520 ADHESIVE

Brief description	ArmaFlex 520 adhesive is a quick drying contact adhesive specially formulated for uniform and safe seam bonding for ArmaFlex insulation materials (except ArmaFlex Ultima and HT/ArmaFlex). It is low viscosity for ease of use. When applied to clean surfaces and fully cured, it maintains high resistance to water vapour ingress.
Material type	Contact adhesive on polychloroprene basis, free of aromatic components.
Product colour range	Beige
Installation	Please refer to the ArmaFlex application manual for advice.
Remarks	The adhesive achieves its final strength after 36 hours. Only then should plant be put into operation. Never insulate a plant which is in operation or work in strong sunlight. Wait 36 hours before applying coatings (exception: Armafinish 99), adhesive tape, coverings etc.

Property	Value / Assessment	Standard / Test method
<b>Temperature range</b>		
Service temperature	Min. °C	Max. °C
	-50	105
<b>Fire Performance and Approvals</b>		
FM approved	Used with ArmaFlex insulation	
<b>Health and environment</b>		
Health aspects	Compliant with REACH and Restriction of Hazardous Substances (RoHS) directives	
<b>Other technical features</b>		
Application conditions	Clean dirty surfaces and the ArmaFlex surface with ArmaFlex Cleaner. Compatibility with bases: very good adhesion to metallic base. The compatibility with colour coated surfaces with adhesive needs to be tested. Incompatible with: Asphalt, bitumen or red lead paint (inseed oil based). For plastic pipes, please refer to ArmaFlex Application Manual	
Cure time	36 hours	
Disposal and recycling	Dispose waste according to applicable local, state and federal regulations. Packaging must be emptied of all residues.	
Hazard class	Highly flammable	
Shelf life	Up to 18 months from the manufacturing date when stored in original, unopened containers, in the recommended storage conditions.	
Storage	Store in a cool, dry and frost-free place, out of direct sunlight and away from all sources of ignition. Storage areas must be well-ventilated and comply with local, state and federal regulations. For maximum shelf life, store between +5°C and +20°C. Jellification due to frost is reversible.	
Working time	at 20 °C: 1. Minimum drying time (airing time): 3-5 minutes 2. Contact adhesion time: 15-20 minutes 3. Setting time: 36 hours	
Yield	Minimum consumption with adhesive applied to both surfaces. These figures are a guide only. ArmaFlex tubes (thickness > consumption unslit > consumption slit): 13 mm > 840 m/l > 115 m/l; 19 mm > 280 m/l > 70 m/l; 25 mm > 230 m/l > 58 m/l; 40 mm > 130 m/l > 35 m/l Sheets: 3-4 m <sup>2</sup> /l	

Beige. Tins are packed in cartons.

Item	Description	Content [quantity]
AS-AD5201E	4 cans of 1 Gallon (3.78litres) ArmaFlex 520 adhesive in a carton	4 tin
AS-AD520HL	12 cans of 500mL ArmaFlex 520 adhesive in a carton	12 tin

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 compliance 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.

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## ABOUT ARMACELL

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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.

For more information, please visit:  
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