



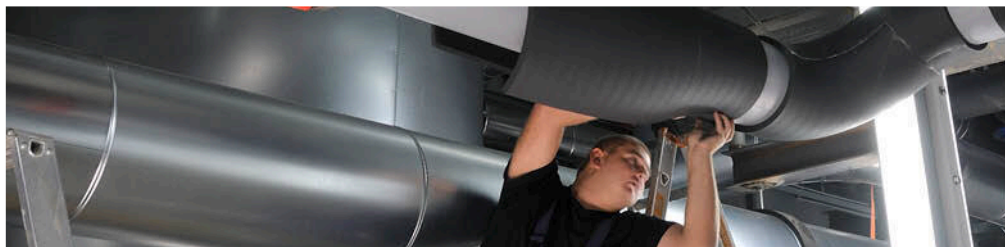
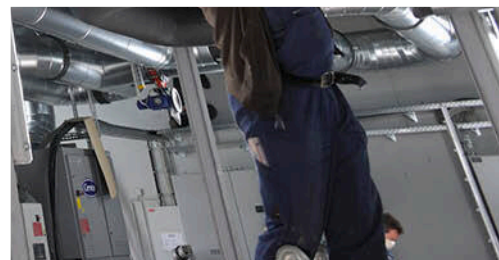
INSTALL IT. TRUST IT.

ArmaFlex 820 Adhesive

The professional adhesive for seamless installation

ArmaFlex 820 is a low viscosity adhesive used within the service temperature range of - 50°C to + 60°C. It is specially formulated to create uniform and safe bonding of seams and butt joints and for adhering ArmaFlex to cleaned metal surfaces.

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TECHNICAL DATA - ARMAFLEX 820 ADHESIVE

Brief description	ArmaFlex 820 adhesive is low viscosity adhesive for use within the service temperature range from -50°C to 60°C. It is specially formulated to create uniform and safe bonding for ArmaFlex insulation.
Material type	Contact adhesive on polychloroprene basis, free of aromatic components.
Product colour range	Black
Applications	ArmaFlex 820 adhesive is ideal for chilled water pipe and air duct applications.
Installation	Please refer to the Armacell application manual
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. Wait 36 hours before applying coatings (exception: Armafinish 99), adhesive tape, coverings etc.

Property	Value / Assessment	Standard / Test method
Temperature range		
Service temperature	Min. °C	Max. °C
	-50	60
Health and environment		
Volatile organic compounds (VOC) content	≤0.0388g/g	ISO 11890-2
Other technical features		
Application conditions	Clean dirty surfaces and the ArmaFlex surface with ArmaFlex Cleaner.	
Disposal and recycling	Recycling Nr: EAK 080409 Adhesive and sealants containing organic solvents or other dangerous substances. Note: The waste classification can change depending on the application area. Please observe EC-Directive 2001/118/EC	
Hazard class	VbF A1, highly flammable	
Shelf life	Approximate 12 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.	
Working time	at 20°C 1. Wet adhesion time: up to 2 minutes 2. Minimum drying time (airing time): 3-5 minutes 3. Contact adhesion time: 15-20 minutes 4. 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 ² /l	

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

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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