

Armaflex® 820 Adhesive

PROFESSIONAL ADHESIVE TO
COMPLETE ARMAFLEX INSTALLATION



- Specially formulated to safe bond of joints of Armaflex®
- Easy to apply and dries quickly
- Suitable for chilled water and duct applications
- Service temperature ranges from - 50 °C to + 60 °C
- Low-viscosity adhesive

Technical data - Armaflex 820

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 of seams and butt joints and for adhering Armaflex® to cleaned metal surfaces.	
Material Type	Armaflex® 820 Adhesive is a black-coloured, low viscosity adhesive for use with armaflex insulation.	
Colour	Black	
Applications	Armaflex® 820 Adhesive is ideal for most chilled water and duct applications.	
Special Features	Specially formulated adhesive for uniform and safe seam bonding of flexible Armaflex® insulation materials.	
Assembly	Please observe our installation instructions / product data. Application temperature: ideally + 20° C, not below 0° C. At temperatures below + 5° C or high humidity (above approx. 80%), increased condensation may form on the surfaces to be glued or adhesive films. In this cases bonding is bad or impossible. This can be tested by using absorbent paper (blotting or crepe paper). Work should not be carried out on working plants or areas exposed to strong sunlight. Shake and stir well before use. Apply thinly to the places to be bonded with a brush or spatula. In case of contact adhesion press together with force during the contact adhesion time. Extensive notes for application are available.	
Remarks	The adhesive achieves its final strength after 36 hours. Only then should the plant be taken into operation. Never insulate a plant which is in operation or work in strong sunlight. Wait 36 hours before applying coatings, adhesive tape, coverings etc.	
Property	Value/ Assessment	Special remarks
Temperature Range		
Temperature Range	max. service temperature + 60 °C min. service temperature - 50 °C	
Drying Time	Dry quickly to speed installation	
Yield	Minimum consumption with the adhesive applied to both surfaces: Armaflex® tubes (thickness > consumption unslit > consumption slit): 10 mm > 1120 m/l > 140 m/l; 20 mm > 280 m/l > 70 m/l; 30 mm > 175 m/l > 45 m/l; 40 mm > 130 m/l > 35 m/l; Sheets: 3-4 m ² /l	
Storage & Shelf life	Approx. 1 year	In a cool, but frost-free place. Jellification due to frost is reversible
Flash Point	approx. - 18 °C	
Explosion Limits	Lower: approx. 1.2 Vol. %: Upper: approx. 13.0 Vol. %	
Hazard Class	VbF A1, highly flammable	Regulation of inflammable liquids
Aging Stability	Very good	
Resistance to Weathering	Very good	
Pre-treatment of Surface to be Bonded	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 read lead paint (inseed oil based).	For more information, please refer to Technical Bulletin no. 17
Transport Class	Depending on the type of transport	
Recycling	Recycling Nr: EAK 080409 Adhesives 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.	Can should be remained empty. Empty cans can be recycled. Cans with remaining adhesive have to be recycled as the product.
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	Before operations, the setting time should be allowed to elapse.

All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended by the recipient.

Armaflex 820 adhesive



Code	Article description	cans/carton
AS-AD8201L	Armaflex 820 adhesive, 1.0 litre cans	12
AS-AD8205L	Armaflex 820 adhesive, 5.0 litre cans	4

