

Armaflex®

Ultima 700 Adhesive

THE SPECIAL ADHESIVE DESIGNED FOR
RELIABLE DAY-TO-DAY BONDING OF
ARMAFLEX® ULTIMA



- Maximum compatibility with Armaflex® Ultima to ensure B_L-s1, d0
- Ensures reliable vapour-tight joints
- Low viscosity contact adhesive, easy to apply and dries quickly
- Specially formulated for Armaprene® based insulations

Technical Data - Armaflex Ultima 700 [Adhesive]

Brief description	One-component adhesive specifically for processing Armaflex Ultima and insulating materials based on Armaprene® synthetic rubbers.
Material type	Contact adhesive on polychloroprene basis, free of aromatic components.
Colour	blue
Applications	Application on pipes and tanks with service temperatures up to +110 °C. Gluing of Armaflex Ultima and insulation materials based on Armaprene® synthetic rubbers.
Special Features	Specially formulated adhesive for uniform and safe seam bonding of Armaflex Ultima and insulating materials based on Armaprene® synthetic rubbers.
Assembly	<p>Please observe our installation instructions / product data. Application temperature: ideally between +15 °C and + 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.</p> <p>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.</p>
Remarks	The adhesive achieves its final strength after 36 hours. Only then should the plant be taken into operation. Wait 36 hours before applying coatings (exception: Armafinish 99), adhesive tape, coverings etc.

Property	Value/Assessment	Special Remark
Temperature Range		
Temperature Range	max. service temperature +110 °C min. service temperature -50 °C	
Other technical features		
Yield	Minimum consumption with the adhesive applied to both surfaces: Armaflex tubes (thickness > consumption unslotted > consumption slotted): 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 m² /l	These figures are a guide only.
Storage & Shelf life	18 month in a closed (unopened) container. Do not store together with: explosive substances; spontaneously combusting substances.	As cool as possible, but protected from frost. In the event of frost any gelling is reversible on warming.
Flash Point	approx: -26 °C	
Explosion limits	Lower: approx. 1,0 Vol. % Upper: approx. 12,8 Vol. %	
Hazard Statement	highly flammable liquid and vapour	For more information pls. see EC Safety Data Sheet.
Ageing stability	Very good	
Resistance to weathering	Very good	
Pre-treatment of surface to be bonded	Clean dirty surfaces and Armaflex Ultima surface with Armaflex Cleaner Compatibility with bases: very good adhesion to metallic base. The compatibility with colour coated surface with adhesive needs to be tested. Incompatible with Asphalt, bitumen or red lead (inseed oil-based).	For more information see Technical Bulletin no. 17
Transport Classes	Depending on the type of transport	
Disposal considerations	Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.	
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	The open time depends on the quantity as well as indoor climate conditions. Before operation time the setting time needs to be allowed to elapse.

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 us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual. For some refrigerants the discharge temperature may exceed +110 °C, please consult our Customer Service Center for further information.

Armaflex Accessories

Elastomeric insulation materials not only have good technical properties, they are also very user-friendly due to their high flexibility and ease of application. When installing these insulation materials it is crucial that they are glued professionally. Therefore, Armacell offers a broad range of accessories specifically developed for its products and regularly adds innovative solutions. Alongside the tried-and-tested contact adhesives such as the Armaflex 520 adhesive, interesting alternatives are also available.

ARMAFLEX ULTIMA ADHESIVES

Armaflex Ultima and Armaflex Rail, synthetic rubber insulation materials based on the innovative Armaprene technology, require the use of adhesives that have been specially formulated for this type of foam. For these materials too, Armacell offers in addition to the standard Armaflex Ultima 700 adhesive a solvent-free alternative (Armaflex Ultima SF990 adhesive).

Find out more about all accessories such as the Armaflex Toolbox under **www.armacell.eu**



SOLVENT-FREE ACCESSORIES

Armacell is the first manufacturer of elastomeric insulation materials to provide solvent-free products. Armaflex SF990 and Armaflex Ultima SF990 meet the higher requirements of green building schemes regarding environmental and health aspects of the building products used.

A completely new addition to the range of accessories is a solvent-free cleaner: the Armaflex SF cleaner can be used to clean soiled surfaces of technical installations as well as the surface of insulation materials, thus ensuring perfect adhesion. The cleaner is supplied in a practical spray bottle so that it can be applied sparingly and precisely.

DRIP-FREE GEL ADHESIVE

The drip-free, thixotropic (gel-like) adhesive Armaflex RS850 guarantees neat application. The special consistency of this product means that it is very drip-resistant, which is a great benefit when working overhead or when it is important that the insulation is not soiled by drops of adhesive.

As it only releases minimal quantities of solvents when idle, the Armaflex RS850 adhesive is particularly suitable for installations in workshops and confined spaces.

Armaflex Ultima 700 [Adhesive] adhesive



Code	Article description	Pieces/carton	€/pc
AHU-700/1,0	Armaflex Ultima Adhesive 700, 1 liter cans	12	xxx

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