

Armaflex® Ultima RS850 Adhesive

THE DRIP-FREE ADHESIVE FOR FASTER
AND CLEANER APPLICATION OF
ARMAFLEX® ULTIMA



- Non-dripping, high performance thixotropic gel based adhesive
- Minimum solvent emissions when idle
- Fast and clean application - Ideal for installations in workshops and confined spaces
- Extended shelf-life

- Specially formulated for Armaflex® Ultima and Armaprene® based insulations

Technical Data - Armaflex Ultima RS850

Brief description	Non-drip one component adhesive in gel form. Specifically designed for processing Armaflex Ultima and insulating materials based on Armaprene® synthetic rubbers.
Material type	Thixotropic one component contact adhesive based on polychloroprene.
Colour	blue
Material Special Information	Gel based
Applications	Application on pipes, ducts and tanks with service temperature up to +70 °C. Gluing of Armaflex Ultima and insulation materials based on Armaprene® synthetic rubbers.
Assembly	Please observe our installation / product data. Application temperature: ideally between +15 °C and +25 °C, not below +10 °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 these 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 operating plant or areas exposed to strong sunlight.
Remarks	Adhesive bond reaches full strength after 24 hours. The system should not be operated during this period and any self-adhesive tape or protective coatings should only be applied after this period has elapsed.

Property	Value/Assessment	Special Remarks
Temperature Range		
Temperature Range	Max. service temperature	+70 °C
	Min. service temperature	-40 °C
Other technical features		
Yield	Minimum consumption with the adhesive applied to both surfaces: Armaflex tubes (thickness > consumption unslit tubes > consumption slit tubes): 10 mm > 1120 m/litre > 140 m/litre; 20 mm > 280 m/litre > 70 m/litre; 30 mm > 175 m/litre > 45 m/litre; 40 mm > 130 m/litre > 35 m/litre; Sheets: 3-4 m ² /litre	These figures are a guide only.
Storage & Shelf life	18 months in a closed (unopened) container; Store between 0 °C and 35 °C in a dry place. Do not store together with: explosive substances; spontaneously combusting substances.	As cool as possible, but protected from frost. Cold or frozen adhesive (under +5 °C) will become fully usable again if slowly acclimatised up to working temperature (approx. +20 °C).
Flash Point	-17 °C	
Explosion limits	Lower: 1,1 Vol. % Upper: 11,5 Vol. %	
Hazard Class	highly flammable	Regulation of inflammable liquids
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 surfaces. The adhesive's compatibility with colour coated surfaces needs to be tested. Incompatible with: Asphalt, bitumen, red lead (linseed oil-based), polystyrene and plasticised PVC.	For more information see Technical Bulletin No. 17.
Transport classes	Depending on the type of transport	
Recycling	Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. More details see relevant Safety Data Sheet.	Packaging must be emptied of all residues. Packaging with traces of cured product can be recycled. Packaging with uncured product must be recycled into new product.
Working time	at 20 °C 1. Minimum drying time (airing time): > 2 minutes 2. Contact adhesion time: 10 to 15 minutes 3. Setting time: 24 hours	The open time depends on the quantity as well as indoor climate conditions. Before operating plant the setting time needs to 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. Installation instructions are given in our Armaflex installation manual. With some refrigerants the discharge temperature may exceed +110 °C, please consult our Technical Department for further information.

Notes

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