

Technical Data - Armaflex RS850

Brief description	Non-dripping one-component adhesive in gel form. Specifically for processing all Armaflex insulating materials based on synthetic rubber with the exception of Armaflex EPDM-based products.
Material type	Thixotropic contact adhesive on polychloroprene basis
Colour	Yellowish
Material Special Information	Jellylike
Applications	Application on pipes, ducts and tanks with service temperature up to +70 °C. Gluing of all Armaflex insulation materials with the exception of HT/ Armaflex .
Special Features	Specifically formulated adhesive for uniform and safe seam-bonding of flexible Armaflex insulation materials.
Assembly	Please observe our installation instructions / 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 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.
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, except Armafinish 99 paint, should only be applied after this period has elapsed.

Property	Value/Assessment	Special Remark
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 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 m ² /l	These figures are a guide only.
Storage & Shelf life	36 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 acclimatized up to working temperature (approx. +20 °C).	
Flash Point	-17 °C	
Explosion limits	Lower: 1,1 Vol. % Upper: 11,5 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 surface with Armaflex Cleaner. Compatibility with bases: The compatibility with color coated surface with adhesive needs to be tested. Incompatible with: Asphalt, bitumen, red lead (in seed oil-based), polystyrene and plasticized PVC	For more information see Technical Bulletin No. 17
Transport classes	Depending on type of transport	
Disposal consideration	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. 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): > 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 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 sales representatives for further information.