

WATER WAY HT-Insulation

Brief description::	highly flexible, closed-cell insulating material		
Material:	synthetic rubber-based foam (elastomer)		
Area of application:	insulation for tubes in solar plants		
Delivery programm of HAT/Armaflex::	tubes for insulation layers in the following thicknesses: 10mm, 14mm, and 20mm for tubes in diameters of 10mm to 89mm		
HT/Armaflex form of delivery:	twin tubes, accessories		
Special features:	fre of CFC'S, fulfils DIN 1988 Parts 2 and 7, resistant to UV radiation		
Property	Value/assessment	Supervision	Note
Area of application average maximum temperature average minimum temperature	+150° C (+175° C*) -50° C		<ul style="list-style-type: none"> at temperatures above 150 °C please call in our customer service
Heat conductivity λ at 0° C Calculated value of heat conductivity λ_R at 40° C	0,038 W/(m·K) 0,042 W/(m·K)	•	tested in conformance with EN ISO 8497
Resistance to diffusion of vapor μ	≥ 4.000	•	tested in conformance with EN 13469
Behavior in fire 1. Building material classification 2. Surface flame propagation 3. Practical behavior in fire	normally flammable B2 Class 1 self-extinguishing, non-dripping, does not spread fire	•	tested in conformance with DIN 4102, Part 1 tested in conformance with British Standard (BS) 4765, Part 7
• = regularly checked in own plant			