

Izo-Max

ECONOMIC POLYETHYLENE INSULATION
FOR ENERGY SAVING



- Economic insulation
- Two meter pieces and endless

Technical Data - Izo-Max

Brief description	Flexible, closed-cell extruded insulation material to reduce heat losses on heating and plumbing installations.
Material type	Foam material based on polyethylene. Factory made polyethylene foam (PEF) according to EN 14313.
Colour	grey
Applications	Insulation of heating and plumbing installation pipes.
Remarks	After installation linear shrinkage of approx. 2% (or more in particular cases) may occur during the initial and even later phase of system operation. Under certain conditions (e.g. high humidity, main distribution pipes, pipes with constant or almost constant flow) cold water pipelines must be insulated with Armaflex, just the same as chilled water pipes in air-conditioning systems. EC Certificate of Conformity no. 0551 of Güteschutzgemeinschaft Hartschaum (GSH) e.V., Celle Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP

Property	Value/Assessment	Test ^{*1}	Super- vision ^{*2}	Special Remark
Temperature Range				
Temperature Range	max. service temperature + 100 °C	EU 5685	o/●	Tested according to EN 14707 and EN 14313
	min. service temperature			
Thermal Conductivity				
Thermal Conductivity	ϑ_m 40 [°C]	$\lambda =$	EU 5685	o/● Declared acc. to EN ISO 13787 Tested according to EN ISO 8497
	$\lambda \leq 0,045$ W/(m · K)	$[45 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$		
Fire performance				
Reaction to fire	Euroclass E	EU 5685	o/●	Classified acc. to EN 13501-1 Tested according to EN ISO 11925-2
Other technical features				
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2	EU 5685	o/●	Tested according to EN 13467

*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

*2 ●: Official supervision by independent institutes and /or test authorities
o: Own in-factory quality monitoring

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, promptly clarify with us to determine whether or not the data and information apply to the intended application area.
Installation instructions are available in our Armaflex installation manual. Please consult our Customer Service Center before insulating stainless steels. Adhesive Armaflex 520 must be used to guarantee proper installation. For some refrigerants, the discharge temperature may exceed +110 °C; please consult our Customer Service Center for further information. For outside use, Armaflex should be protected within 3 days, e.g. with Armafinish 99 Paint or Arma-Chek covering.