

Technical Data - Armaflex Protect

Brief description	Flexible fire seal and insulation for non-combustible and combustible pipes through fire-resistant walls and ceilings (EI 30 to EI 120).			
Material type	Elastomeric foam based on synthetic rubber.			
Colour	Black			
Applications	Insulation and fire protection barrier for heating, plumbing and refrigeration non combustible pipes up to 326 mm diameter and combustible pipes up to 75 mm.			
Special Features	Armaflex Protect itself fulfils the requirements - irrespective of the adjoining insulation.			
Property	Value/Assessment	Test ¹	Super- vision ²	Special Remark
Temperature Range				
Temperature Range	max. service temperature			+85 °C
	min. service temperature			-50 °C
Thermal Conductivity				
Thermal Conductivity	$\frac{\vartheta_m}{\lambda}$	≤	0	[°C] W/(m · K)
			0.056	
Water vapour diffusion resistance				
Water vapour diffusion resistance	μ	≥	7,000	
Fire performance				
Reaction to fire	Product range			
	tubes		E _L	
	sheets		E	
Practical Fire Behaviour	Self-extinguishing, does not drip, does not spread flames			
Fire resistance of structural element			EI30 - EI 120	EU 4384
UV resistance	Not UV-resistant			
Health aspects	Dust and fibre free			
Storage & Shelf Life	3 years form production date			Can be stored in dry and clean rooms at normal relative humidity (50-70%) & ambient temperature (0°C - 35°C) Cartons shall be stored horizontally. Min. temperature for transport -50°C under condition of frost free storage before insulation

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
○ 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 Paint or Arma-Chek covering.

Armaflex[®]
Protect

THE FLEXIBLE FIRE BARRIER FOR WALL PENETRATIONS



Armacell India Pvt. Ltd.

GAT No. 744-745, Village Lonikand, Pune Nagar Road • 412216 Pune •
Maharashtra • India
Phone +91 20 66782000
www.armacell.com • info.isa@armacell.com
CIN: U24293PN2005FTC131939

 **armacell**

© Armacell Enterprise GmbH

IPDS-0026-20150701-ent(IN,SA)

- Fire protection and condensation control in one
- To combine with all Armaflex products
- Easy to apply and meets regulations
- Secure sealing of gaps in wall and ceiling penetrations
- Fire resistance up to 90 minutes, according to DIN 4102, part 11

