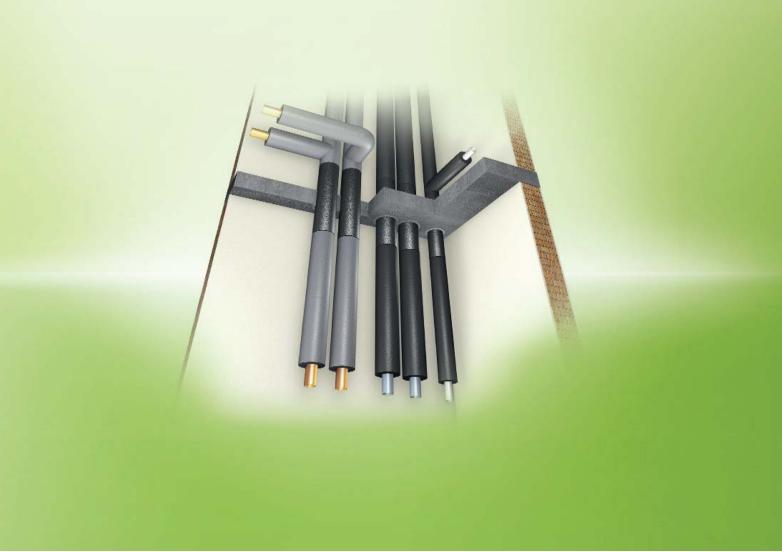


THE FLEXIBLE FIRE BARRIER FOR CONDENSATION CONTROL TO MATCH WITH ARMAFLEX INSULATION AT PIPE PENETRATIONS



- · Single solution for hot and cold applications
- Quick and easy installation
- Suitable for ceilings, rigid walls and lightweight walls
- Provides structure borne noise reduction
- R-120 fire protection barrier for wall and ceiling pipe penetrations

Technical Data - Armaflex Protect

Flexible fire seal and insulation for non-combustible, combustible pipes and pipes containing combustible medium for use through fire-resistant walls and ceilings (R30 to R 120). Brief description

Material type Elastomeric foam based on synthetic rubber.

Colour Black

Applications Insulation and R-120 fire protection barrier for non combustible pipes up to 323 mm and combustible pipes up to 75 mm.

Special Features Armaflex Protect fulfils fire protection requirements irrespective of adjoining insulation.

Property	Value/Assessment				Test*1	Super- vision*2	Special Remarks	
Temperature Range								
Temperature Range	Max. service temperature Min. service temperature		+85 °C -50 °C					
Thermal Conductivity								
Thermal Conductivity	ϑ_{m}		0	°C		0	Tested according to EN 12667 EN ISO 8497	
	λ	≤	0.056	W/(m·K)				
Water vapour diffusio	n resistance							
Water vapour diffusion resistance	μ		2	7,000			Tested acc. to EN 12086 and EN 13469	
Fire performance								
Reaction to fire	product range tubes sheets		E _L			0	Classified acc. to EN 13501-1 Tested acc. to EN ISO 11925-2	
Practical fire behaviour	Self-extinguishing, does not drip, does not spread flames							
Fire resistance of structural element	R30 - R120				EU 4384		Classified acc. to DIN 4102-11 & EN 1366-3	
Other technical featur	res							
UV resistance	Suitable for indoor use only	Suitable for indoor use only						
Storage & Shelf life	3 years from production date						Can be stored in dry, clean rooms at normal relative humidity (50 % - 70 %) and ambient temperature (0 °C - 35 °C) Cartons shall be stored horizontally. Minimum temperature for transport -50 °C under condition of frost-free storage before installation.	

^{*1} Further documents such as test certificates and approvals can be requested using the registration number given.

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 available in our Armaflex installation manual. Please consult our Technical Department before insulating stainless steels. Adhesive Armaflex 520 must be used to guarantee correct installation. With some refrigerants, the discharge temperature may exceed +110 °C; please consult our Customer Service Department for further information. For outside use, Armaflex should be protected within 3 days of installation with Armafinish 99 Paint or Arma-Chek covering.

^{*2 •:} Official supervision by independent institutes and /or test authorities o: In-house quality monitoring

Armaflex Protect tubes



Length 1.0 m

Pipe max. Outside-Ø [mm]	Thickness [mm]	Code	m/carton	
10	19.0	PRO-AX-19X010 ●	18	
12	19.0	PRO-AX-19X012 ●	17	
15	19.0	PRO-AX-19X015 ●	16	
16	20.0	PRO-AX-20X016 ●	14	
18	20.0	PRO-AX-20X018 ●	13	
20	20.0	PRO-AX-20X020 ●	12	
22	20.0	PRO-AX-20X022 ●	12	
25	20.0	PRO-AX-20X025 ●	11	
28	25.0	PRO-AX-25X028 ●	9	
32	25.0	PRO-AX-25X032 ●	8	
35	25.0	PRO-AX-25X035 ●	8	
40	25.0	PRO-AX-25X040 ●	6	
42	25.0	PRO-AX-25X042 ●	6	
48	25.0	PRO-AX-25X048 ●	5	
50	25.0	PRO-AX-25X050 ●	5	
54	25.0	PRO-AX-25X054 ●	5	
60	25.0	PRO-AX-25X060 ◆	4	
64	25.0	PRO-AX-25X063 ●	4	
76	25.0	PRO-AX-25X076 ●	4	
89	25.0	PRO-AX-25X089 ●	4	

[•] Not a stock item. Delivery on request.

Armaflex Protect continuous sheets (rolls)



Code	Roll length [m]	Width [m]	Thickness [mm]	m²/carton	Rolls/carton	
PRO-AX-13MM/E	6	0.5	13.0	2 x 3	2	

Regulations For sealing purposes at least two layers of sheet material must be installed