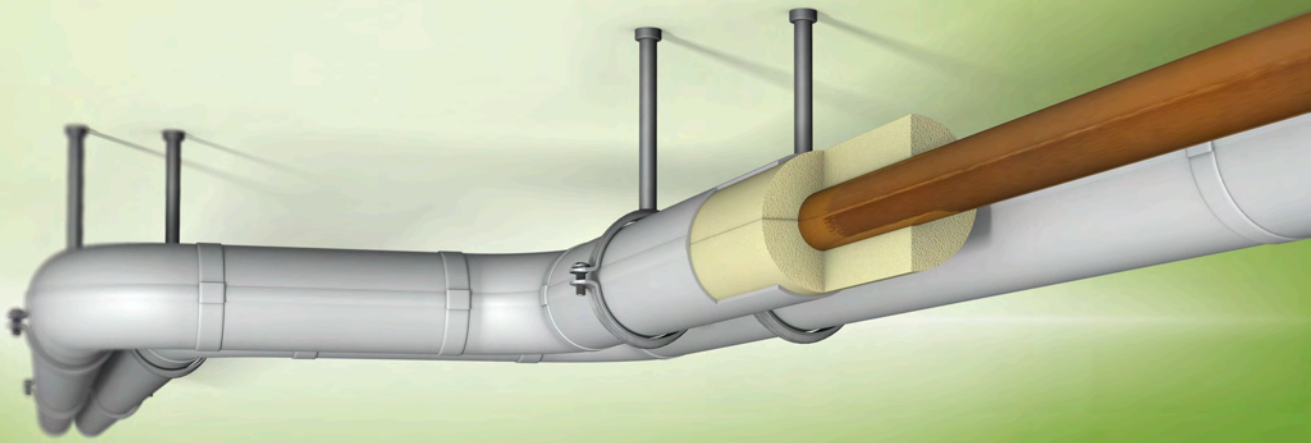




ARMALOK

THE PRECOVERED LIGHT GREY
INSULATION SYSTEM FOR VISIBLE
HEATING & PLUMBING APPLICATIONS



- Pre-formed bends adjustable to several pipe dimensions
- Time-saving pipe closure with self-adhesive seal
- Robust and washable surface
- Good thermal efficiency

Technical Data - Armalok [parent]

Brief description	PUR-insulation covered with PVC cladding, with self-seal locks, for visible areas.
Material type	Insulation: semi-rigid foam material based on polyurethane. Covering: PVC.
Colour	covering: light grey
Applications	For insulation / protection of pipes (heating systems and domestic hot water pipes), fittings and other elements, for heating and plumbing installations.

Property	Value/Assessment				Test ^{*1}	Special Remark
Temperature Range						
Temperature Range	max. service temperature		+ 110 °C			
	min. service temperature		as usual in heating and plumbing systems			
Thermal Conductivity						
Thermal Conductivity	ϑ_m	10	40	°C	D 3352 D 3353	Tested according to EN ISO 8497
	Armalok 100 λ	0,032	0,035	W/(m · K)		
	Armalok 50 λ	0,034	0,040	W/(m · K)		
Fire performance						
Reaction to fire	normally flammable	B2			D 3352 D 3353	Tested according to DIN 4102
Other technical features						
Storage & Shelf life	Tapes and shells, self-adhesive: 1 year					Can be stored in dry, clean rooms at normal relative humidity (50 % to 70 %) and ambient temperature (0 °C - 35 °C)

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

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.

Technical Data - Armalok 50

Brief description	PUR-insulation covered with PVC cladding, with self-seal locks, for visible areas.
Material type	Insulation: semi-rigid foam material based on polyurethane. Covering: PVC.
Colour	covering: light grey
Applications	For insulation / protection of pipes (heating systems and domestic hot water pipes), fittings and other elements, for heating and plumbing installations.

Property	Value/Assessment	Test ^{*1}	Special Remark
Temperature Range			
Temperature Range	max. service temperature + 110 °C min. service temperature as usual in heating and plumbing systems		
Thermal Conductivity			
Thermal Conductivity	ϑ_m 40 [°C]	D 3353	Tested according to EN ISO 8497
	all sections and elbows $\lambda \leq 0,040$ W/(m · K)		
Fire performance			
Reaction to fire	normally flammable B2	D 3353	Tested according to DIN 4102
Other technical features			
Storage & Shelf life	Tapes and shells, self-adhesive: 1 year		Can be stored in dry, clean rooms at normal relative humidity (50 % to 70 %) and ambient temperature (0 °C - 35 °C)

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

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.

Technical Data - Armalok 100

Brief description	PUR-insulation covered with PVC cladding, with self-seal locks, for visible areas.
Material type	Insulation: semi-rigid foam material based on polyurethane. Covering: PVC.
Colour	covering: light grey
Applications	For insulation / protection of pipes (heating systems and domestic hot water pipes), fittings and other elements, for heating and plumbing installations.

Property	Value/Assessment	Test ^{*1}	Special Remark
Temperature Range			
Temperature Range	max. service temperature	+ 110 °C	
	min. service temperature	as usual in heating and plumbing systems	
Thermal Conductivity			
Thermal Conductivity	ϑ_m	40	[°C]
	all sections and elbows	$\lambda \leq 0,035$	W/(m · K)
		D 3352	Tested according to EN ISO 8497
Fire performance			
Reaction to fire	normally flammable	B2	
		D 3352	Tested according to DIN 4102
Other technical features			
Storage & Shelf life	Tapes and shells, self-adhesive: 1 year		Can be stored in dry, clean rooms at normal relative humidity (50 % to 70 %) and ambient temperature (0 °C - 35 °C)

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

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.

ArmaloK 50 sections



Pipe max. Outside-Ø [mm]	PVC-jacketed section made of semi-rigid PUR-foam with self-adhesive seal, length 1 m		
	Code	Thickness [mm]	m/carton
15	AL-15X20-50	20	70
18	AL-18X20-50	20	70
22	AL-22X20-50	20	60
28	AL-28X20-50	20	48
35	AL-35X20-50	20	40
35	AL-35X30-50	30	24
42	AL-42X25-50	24	24
42	AL-42X30-50	30	20
48	AL-48X25-50	26	20
57	AL-57X30-50	30	15
60	AL-60X30-50	32	15
70	AL-70X40-50 ¹	40	8
76	AL-76X30-50	30	12
76	AL-76X40-50 ¹	40	9
89	AL-89X30-50 ¹	30	9

¹ [DE] Not 50% EnEV

ArmaloK 50 bends



Pipe max. Outside-Ø [mm]	PVC-all-purpose bend with PUR-foam core, suitable for S-welded bend 50		
	Code	Thickness [mm]	Pieces/carton
15	AL-ABO-1520 ²	20	20
18	AL-ABO-1820 ²	20	20
18	AL-ABO-1830 ●	30	24
22	AL-ABO-2220 ²	20	20
22	AL-ABO-2230	30	24
28	AL-ABO-2820 ²	20	20
28	AL-ABO-2830 ²	30	20
28	AL-ABO-2840 ●	40	20
35	AL-ABO-3520 ²	20	20
35	AL-ABO-3530 ²	30	12
35	AL-ABO-3540 ●	40	12
42	AL-ABO-4225 ²	25	20
42	AL-ABO-4230	30	20
42	AL-ABO-4240 ²	40	12
48	AL-ABO-4825 ²	25	20
48	AL-ABO-4830 ●	30	20
57	AL-ABO-5730	30	10
57	AL-ABO-5750 ●	50	6
60	AL-ABO-6030 ²	30	10
60	AL-ABO-6050	50	6
76	AL-ABO-7630	30	8
89	AL-ABO-8930	30	8

Remark

● Item not in stock. Delivery on request. [MTO]

² According to DIN

Special packaging resp. product labeling at extra cost.

Armalok 100 sections



Color light grey, PUR-insulation programme with PVC-jacket for visible faces

Pipe max. Outside-Ø [mm]	PVC-jacketed section made of semi-rigid PUR-foam with self-adhesive seal, length 1 m		
	Code	Thickness [mm]	m/carton
15	AL-15X20-100	20	70
18	AL-18X20-100	20	70
18	AL-18X30-100 ●	30	40
22	AL-22X20-100	20	60
22	AL-22X30-100 ●	30	30
28	AL-28X20-100	20	48
28	AL-28X30-100	30	28
28	AL-28X40-100	40	20
35	AL-35X30-100	30	24
35	AL-35X40-100 ●	40	15
42	AL-42X30-100 ●	30	20
42	AL-42X40-100	40	15
48	AL-48X30-100 ●	30	18
48	AL-48X40-100 ●	42	12
57	AL-57X50-100 ●	50	7
60	AL-62X53-100	53	7

Remark

Special packaging resp. product labelling at extra cost available.

- Item not in stock. Delivery on request. [MTO]

Armalok 100 bends



Color light grey, PUR-insulation programme with PVC-jacket for visible faces

Pipe max. Outside-Ø [mm]	PVC-all-purpose bend with PUR-foam core, suitable for S-welded bend 100		
	Code	Thickness [mm]	Pieces/carton
15	AL-ABO-1520 ¹	20	20
18	AL-ABO-1820 ¹	20	20
18	AL-ABO-1830 ●	30	24
22	AL-ABO-2220 ¹	20	20
22	AL-ABO-2230	30	24
28	AL-ABO-2820 ¹	20	20
28	AL-ABO-2830 ¹	30	20
28	AL-ABO-2840 ●	40	20
35	AL-ABO-3530 ¹	30	12
35	AL-ABO-3540 ●	40	12
42	AL-ABO-4240 ¹	40	12
57	AL-ABO-5750 ●	50	6
60	AL-ABO-6050	50	6

- Item not in stock. Delivery on request. [MTO]

¹ According to DIN

Armalok [parent] rosette endcapping



Color light grey, with 2 fixing grooves

Code	Length [m]	Width [mm]	Rolls/carton
AL-AEMBG-18B	5	18,0	10
AL-AEMBG-28B ●	5	28,0	10
AL-AEMBG-38B	5	38,0	10

- Item not in stock. Delivery on request. [MTO]

Armalok [parent] rosette endcapping



bare aluminium, with 2 fixing grooves

Code	Length [m]	Width [mm]	Rolls/carton
AL-AEMBA-18B	5	18,0	10
AL-AEMBA-28B	5	28,0	10
AL-AEMBA-38B •	5	38,0	10

• Item not in stock. Delivery on request. [MTO]

Armalok [parent] tapes self-adhesive



Code	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton
AL-ASKB-40	38,0	25	0.15	16