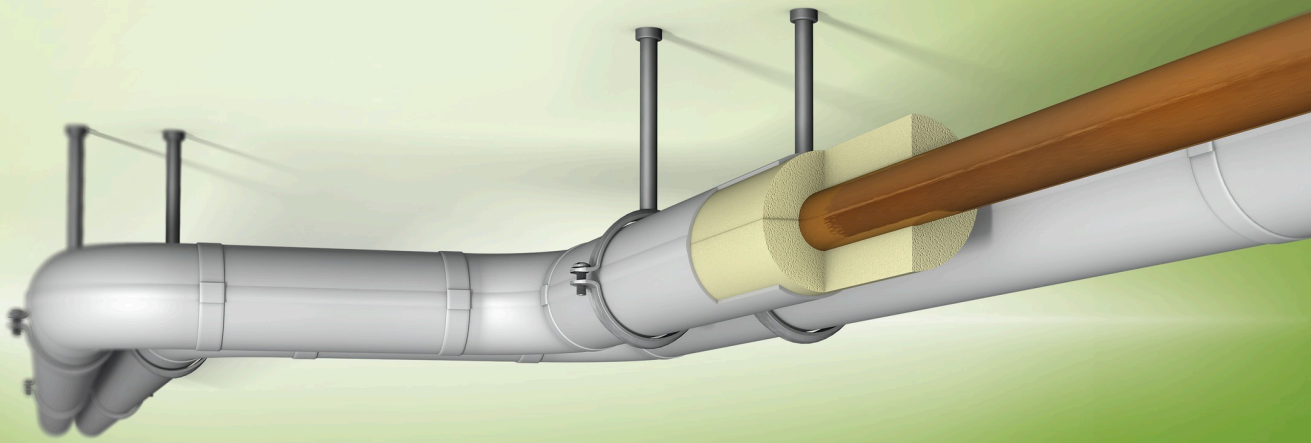


Armalok®

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 washeable surface
- Good thermal efficiency

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 tubes, 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] | D 3352 | Tested according to EN ISO 8497 |
| | all sections and elbows | λ | \leq | 0,035 | W/(m · K) | | |
| Fire performance | | | | | | | |
| Reaction to fire | normally flammable | | | | B2 | D 3352 | Tested according to DIN 4102 |
| Other technical features | | | | | | | |
| Storage & Shelf life | Tapes and tubes, 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

Special packaging resp. product labeling at extra cost.

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

² According to DIN

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 |

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 |