

# AF/Armaflex®

Class 0

THE FLEXIBLE INSULATION SYSTEM TO  
PREVENT CONDENSATION AND ENERGY  
LOSSES



- Reliable condensation control with closed-cell Armaflex structure
- Effective reduction of thermal losses
- Built-in Microban® antimicrobial protection reduces mould and bacteria growth
- Class 0 Fire Performance
- NEW! Improved thermal conductivity value  $\lambda_0 \text{ °C} \leq 0.033 \text{ W/(m} \cdot \text{K)}$
- NEW! Improved water vapour resistance value  $\mu \geq 10,000$
- Made in the UK



# AF/Armaflex Class 0

## TRIPLE SECURITY

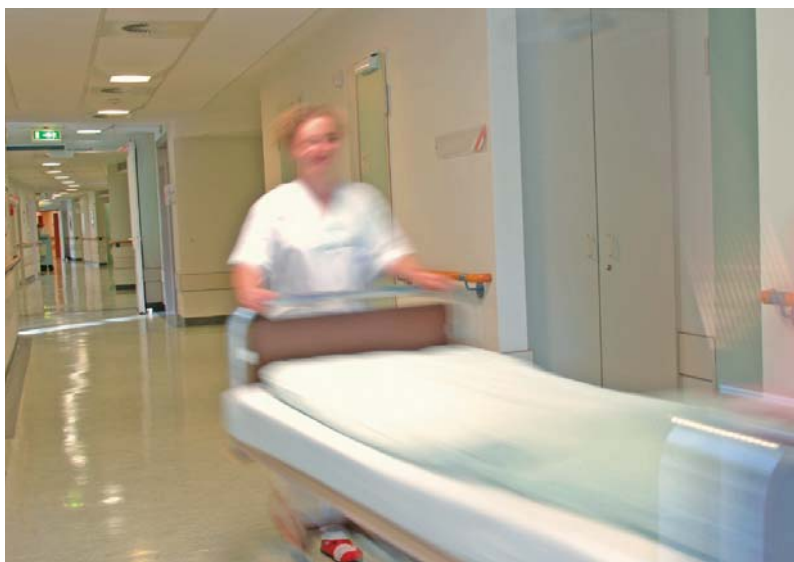
AF/Armaflex Class 0 is the professional flexible insulation for reliable condensation control. The combination of a low thermal conductivity value of  $0.033 \text{ W/(m} \cdot \text{K)}$  and extremely high resistance to water vapour transmission ( $\mu \geq 10,000$ ) prevents long-term energy losses, water vapour ingress and reduces the risk of corrosion under insulation.

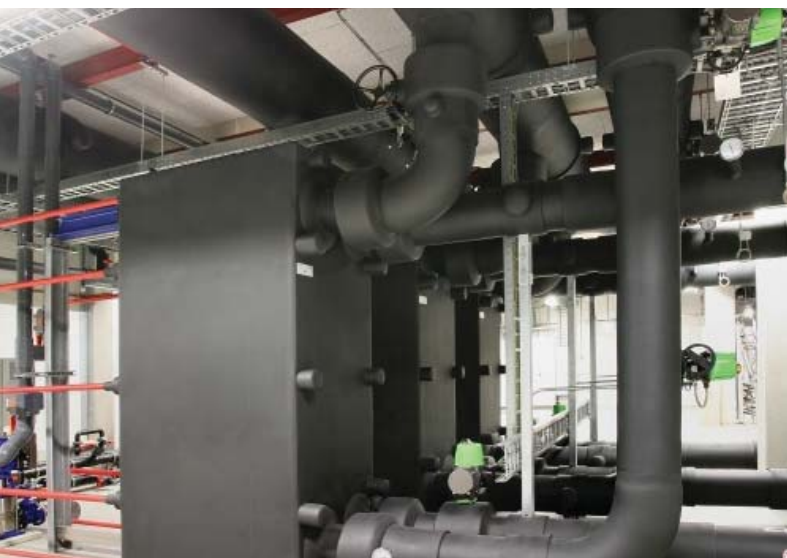


## AF/ARMAFLEX CLASS 0 WITH ACTIVE MICROBAN® ANTIMICROBIAL PROTECTION

Conditioned systems can be problematic for the development of microbes and contamination, with indoor air up to 10 times more polluted than outdoor air. Microbes found in and on HVAC systems include stain and odour causing bacteria and mould and mildew. These microbes subsequently emit spores, cells, fragments and volatile organic compounds (VOC) into indoor air which contributes to sick building syndrome. Mould and mildew can additionally cause degradation of insulation materials.

AF/Armaflex Class 0 is the first flexible insulation material equipped with MICROBAN® technology. When microbes come into contact with the insulation surface, MICROBAN® protection penetrates the cell wall of the microorganism, disabling its ability to function, grow and reproduce. Because the protection is built in during the manufacturing process, it will not wash off or wear away. This gives AF/Armaflex Class 0 products an added level of protection against mould and mildew and is therefore the ideal solution for insulating ventilation or air-conditioning equipment in schools, hospitals, elderly homes, offices and airports, as well as mechanical systems in the pharmaceutical and food industries.





## TRUSTED FOR 40 YEARS

With a combination of internal and externally monitored technical values we offer consistently high-quality products. This is the result of 40 years experience and continual research and development of the product properties.

AF/Armaflex Class 0 is manufactured in the UK to meet local standards, is compliant with CE marking legislation requirements and is tested to the new Euro-class fire standards.



## COMPLETE SYSTEM

Armacell offers a complete and carefully considered system solution to meet professional insulation requirements: AF/Armaflex Class 0 standard, self-adhesive and endless tubes, sheet, tape and accessories.



Ready made **specification texts** are available to download and use from the ArmaPlus section of the UK website ([www.armacell.com](http://www.armacell.com)).

**ArmWin** is the technical calculation program from Armacell that allows the correct insulation thickness to be determined for preventing condensation and to minimize energy losses.

**Application training:** Accredited training for insulation contractors is available and upon successful completion, certification is provided for attendees.

# Technical Data - AF/Armaflex Class 0

|                              |                                                                                                                                                                                                                                                                                                          |  |  |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Brief description            | Flexible, closed-cell insulation material with built-in Microban® antimicrobial protection                                                                                                                                                                                                               |  |  |
| Material type                | Elastomeric foam based on synthetic rubber. Factory made flexible elastomeric foam (FEF) according to EN 14304.                                                                                                                                                                                          |  |  |
| Colour                       | Black                                                                                                                                                                                                                                                                                                    |  |  |
| Material Special Information | Self-adhesive coating: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure. Covered with polyethylene film. Traces of silicon can be found on the protective film used on self-adhesive closures.                                                                         |  |  |
| Applications                 | Insulation / protection to control condensation, reduce energy losses and protect against frost on pipes, air ducts, vessels (incl. elbows, fittings, flanges etc.) Suitable for hot and cold water services, chilled water lines, heating systems, air conditioning ductwork and refrigerated pipework. |  |  |
| Special Features             | MCCP-free                                                                                                                                                                                                                                                                                                |  |  |
| Assembly                     | Light weight and flexible. Closed cell structure means no additional vapour barrier is required.                                                                                                                                                                                                         |  |  |
| Remarks                      | EC Certificate of Conformity no. 0550 and 0551 of Güteschutzgemeinschaft Hartschaum e.V. , Celle                                                                                                                                                                                                         |  |  |

| Property                          | Value/Assessment                                                              |                      |           |                                                                         | Test*1                                                                    | Special Remarks      |                                                                                                                                      |
|-----------------------------------|-------------------------------------------------------------------------------|----------------------|-----------|-------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Range                 |                                                                               |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Temperature Range                 | Max. service temperature                                                      |                      | + 110 °C  |                                                                         | (+ 85 °C if sheet or tape is glued to the object with its whole surface.) | EU 5411<br>EU 5490   | Tested acc. to<br>EN 14706,<br>EN 14707 and<br>EN 14304                                                                              |
|                                   | Min. service temperature <sup>1</sup>                                         |                      | -50 °C    |                                                                         |                                                                           |                      |                                                                                                                                      |
| Thermal Conductivity              |                                                                               |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Thermal Conductivity              | $\vartheta_m$ +/-0                                                            |                      | °C        |                                                                         | $\lambda$ =                                                               | EU 5411<br>EU 5490   | Declared acc. to<br>EN ISO 13787<br>Tested acc. to<br>EN 12667<br>EN ISO 8497                                                        |
|                                   | Tubes 6-19 mm                                                                 | $\lambda \leq 0.033$ | W/(m · K) |                                                                         | $[33 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2]/1000$          |                      |                                                                                                                                      |
|                                   | Tubes 25-32 mm                                                                | $\lambda \leq 0.036$ | W/(m · K) |                                                                         | $[36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2]/1000$          |                      |                                                                                                                                      |
|                                   | Sheets, tape 3-32 mm                                                          | $\lambda \leq 0.033$ | W/(m · K) |                                                                         | $[33 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2]/1000$          |                      |                                                                                                                                      |
| Water vapour diffusion resistance |                                                                               |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Water vapour diffusion resistance | Tubes 6-19 mm ; Sheets 6-32 mm                                                | $\mu$                | $\geq$    | 10,000                                                                  |                                                                           | EU 5411<br>EU 5490   | Tested acc. to<br>EN 12086<br>EN 13469                                                                                               |
|                                   | Tubes 25-32 mm                                                                | $\mu$                | $\geq$    | 7,000                                                                   |                                                                           |                      |                                                                                                                                      |
| Fire performance                  |                                                                               |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Reaction to fire <sup>2</sup>     | tubes                                                                         |                      |           | B <sub>L</sub> -s3, d0                                                  |                                                                           | EU 5411<br>EU 5490   | Classified acc. to<br>EN 13501-1<br>Tested acc. to<br>EN 13823<br>EN ISO 11925-2                                                     |
|                                   | sheets & tape                                                                 |                      |           | B-s3,d0                                                                 |                                                                           |                      |                                                                                                                                      |
|                                   | Surface Spread of Flames                                                      |                      |           | Class 1                                                                 |                                                                           | GB 5151 &<br>GB 5153 | Surface Spread of<br>Flame: tested<br>according to BS 476<br>Part 7:1997                                                             |
|                                   | Fire Propagation                                                              |                      |           | Total Index Performance (I) ≤ 12<br><br>Sub Index (i <sub>1</sub> ) ≤ 6 |                                                                           |                      |                                                                                                                                      |
|                                   | Fire Performance acc. to Building Regulations                                 |                      |           | Class 0                                                                 |                                                                           | GB 5150 &<br>GB 5152 | Fire Propagation:<br>tested according to<br>BS 476 Part 6:1989                                                                       |
| Other fire class                  | FM-approved                                                                   |                      |           |                                                                         |                                                                           | FM:<br>D 5551        | Tested according to<br>UBC26-3, Class<br>No.4924                                                                                     |
| Practical fire behaviour          | Self-extinguishing, does not drip, does not spread flames                     |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Other technical features          |                                                                               |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Dimensions and tolerances         | In accordance with EN 14304, table 1                                          |                      |           |                                                                         |                                                                           | EU 5411<br>EU 5490   | Tested acc. to<br>EN 822, EN 823,<br>EN 13467                                                                                        |
| Health aspects                    | ODP & GWP ratings of zero                                                     |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |
| Storage & Shelf life              | Self-adhesive tapes, self-adhesive sheets, self-adhesive tubes: 1 year        |                      |           |                                                                         |                                                                           |                      | Can be stored in dry,<br>clean rooms at<br>normal relative<br>humidity (50% to<br>70%) and ambient<br>temperature (0 °C –<br>35 °C). |
| Antimicrobial behaviour           | In-built Microban® active antimicrobial protection: No fungal growth observed |                      |           |                                                                         |                                                                           |                      |                                                                                                                                      |

1. For temperatures below -50 °C please contact our Technical Department to request the corresponding technical information.

2. The building materials classification is valid on metal or solid, mineral surfaces.

\*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 given in our Armaflex installation manual. Not suitable for outside use. Armaflex should be protected within 3 days of installation with Armafinish Paint or Arma-Chek covering. With some refrigerants the discharge temperature may exceed +110 °C, please consult our Technical Department for further information.

## AF/Armaflex Class 0 tubes



Length 2.0 m, Colour Black, Microban®

| Pipe max.<br>Outside-Ø [mm] | Inner Ø min/<br>max mm (tube) | 6,0 mm<br>insulation thickness |          |  | 9,0 mm<br>insulation thickness |          |  |
|-----------------------------|-------------------------------|--------------------------------|----------|--|--------------------------------|----------|--|
|                             |                               | Code                           | m/carton |  | Code                           | m/carton |  |
| 6                           | 7.0 - 9.0                     | AF-CO-06X006                   | 544      |  | AF-CO-09X006                   | 352      |  |
| 10                          | 11.0 - 13.0                   | AF-CO-06X010                   | 400      |  | AF-CO-09X010                   | 280      |  |
| 12                          | 13.0 - 15.0                   | AF-CO-06X012                   | 336      |  | AF-CO-09X012                   | 240      |  |
| 15                          | 16.0 - 18.0                   | AF-CO-06X015                   | 266      |  | AF-CO-09X015                   | 192      |  |
| 20                          | 21.0 - 23.0                   | -                              | -        |  | AF-CO-09X020                   | 156      |  |
| 22                          | 23.0 - 25.0                   | -                              | -        |  | AF-CO-09X022                   | 140      |  |
| 28                          | 29.0 - 31.5                   | -                              | -        |  | AF-CO-09X028                   | 98       |  |
| 35                          | 36.0 - 38.5                   | -                              | -        |  | AF-CO-09X035                   | 84       |  |
| 42                          | 43.0 - 46.0                   | -                              | -        |  | AF-CO-09X042                   | 60       |  |
| 48                          | 49.0 - 51.5                   | -                              | -        |  | AF-CO-09X048                   | 56       |  |
| 54                          | 55.0 - 58.0                   | -                              | -        |  | AF-CO-09X054                   | 54       |  |
| 60                          | 61.0 - 64.0                   | -                              | -        |  | AF-CO-09X060                   | 42       |  |

| Pipe max.<br>Outside-Ø [mm] | Inner Ø min/<br>max mm (tube) | 13,0 mm<br>insulation thickness |          |  | 19,0 mm<br>insulation thickness |          |  |
|-----------------------------|-------------------------------|---------------------------------|----------|--|---------------------------------|----------|--|
|                             |                               | Code                            | m/carton |  | Code                            | m/carton |  |
| 6                           | 7.0 - 9.0                     | AF-CO-13X006                    | 226      |  | -                               | -        |  |
| 10                          | 11.0 - 13.0                   | AF-CO-13X010                    | 188      |  | AF-CO-19X010                    | 104      |  |
| 12                          | 13.0 - 15.0                   | AF-CO-13X012                    | 162      |  | AF-CO-19X012                    | 92       |  |
| 15                          | 16.0 - 18.0                   | AF-CO-13X015                    | 136      |  | AF-CO-19X015                    | 78       |  |
| 20                          | 21.0 - 23.0                   | AF-CO-13X020                    | 112      |  | AF-CO-19X020                    | 70       |  |
| 22                          | 23.0 - 25.0                   | AF-CO-13X022                    | 104      |  | AF-CO-19X022                    | 64       |  |
| 28                          | 29.0 - 31.5                   | AF-CO-13X028                    | 78       |  | AF-CO-19X028                    | 50       |  |
| 35                          | 36.0 - 38.5                   | AF-CO-13X035                    | 60       |  | AF-CO-19X035                    | 40       |  |
| 42                          | 43.0 - 46.0                   | AF-CO-13X042                    | 56       |  | AF-CO-19X042                    | 32       |  |
| 48                          | 49.0 - 51.5                   | AF-CO-13X048                    | 40       |  | AF-CO-19X048                    | 30       |  |
| 54                          | 55.0 - 58.0                   | AF-CO-13X054                    | 42       |  | AF-CO-19X054                    | 24       |  |
| 60                          | 61.0 - 64.0                   | AF-CO-13X060                    | 36       |  | AF-CO-19X060                    | 24       |  |
| 67                          | 68.0 - 71.0                   | AF-CO-13X067                    | 34       |  | AF-CO-19X067                    | 20       |  |
| 76                          | 77.0 - 80.0                   | AF-CO-13X076                    | 28       |  | AF-CO-19X076                    | 18       |  |
| 80                          | 81.0 - 84.0                   | AF-CO-13X080                    | 28       |  | AF-CO-19X080                    | 16       |  |
| 89                          | 90.0 - 93.0                   | AF-CO-13X089                    | 22       |  | AF-CO-19X089                    | 16       |  |
| 93                          | 94.0 - 97.0                   | AF-CO-13X093 •                  | 20       |  | AF-CO-19X093 •                  | 16       |  |
| 108                         | 110.0 - 114.0                 | AF-CO-13X108 •                  | 18       |  | AF-CO-19X108 •                  | 12       |  |
| 114                         | 116.0 - 120.0                 | AF-CO-13X114 •                  | 18       |  | AF-CO-19X114 •                  | 12       |  |

| Pipe max.<br>Outside-Ø [mm] | Inner Ø min/<br>max mm (tube) | 25,0 mm<br>insulation thickness |          |  | 32,0 mm<br>insulation thickness |          |  |
|-----------------------------|-------------------------------|---------------------------------|----------|--|---------------------------------|----------|--|
|                             |                               | Code                            | m/carton |  | Code                            | m/carton |  |
| 12                          | 13.0 - 15.0                   | AF-CO-25X012                    | 50       |  | -                               | -        |  |
| 15                          | 16.0 - 18.0                   | AF-CO-25X015                    | 48       |  | AF-CO-32X015                    | 32       |  |
| 20                          | 21.0 - 23.0                   | AF-CO-25X020                    | 40       |  | -                               | -        |  |
| 22                          | 23.0 - 25.0                   | AF-CO-25X022                    | 40       |  | AF-CO-32X022                    | 32       |  |
| 28                          | 29.0 - 31.5                   | AF-CO-25X028                    | 32       |  | AF-CO-32X028                    | 24       |  |
| 35                          | 36.0 - 38.5                   | AF-CO-25X035                    | 24       |  | AF-CO-32X035                    | 22       |  |
| 42                          | 43.0 - 46.0                   | AF-CO-25X042                    | 24       |  | AF-CO-32X042                    | 16       |  |
| 48                          | 49.0 - 51.5                   | AF-CO-25X048                    | 22       |  | AF-CO-32X048                    | 12       |  |
| 54                          | 55.0 - 58.0                   | AF-CO-25X054                    | 18       |  | AF-CO-32X054                    | 12       |  |
| 60                          | 61.0 - 64.0                   | AF-CO-25X060                    | 18       |  | AF-CO-32X060                    | 12       |  |
| 67                          | 68.0 - 71.0                   | AF-CO-25X067                    | 16       |  | AF-CO-32X067                    | 12       |  |
| 76                          | 77.0 - 80.0                   | AF-CO-25X076                    | 14       |  | AF-CO-32X076                    | 10       |  |
| 80                          | 81.0 - 84.0                   | AF-CO-25X080                    | 12       |  | -                               | -        |  |
| 89                          | 90.0 - 93.0                   | AF-CO-25X089                    | 12       |  | AF-CO-32X089                    | 8        |  |
| 93                          | 94.0 - 97.0                   | AF-CO-25X093 •                  | 12       |  | -                               | -        |  |
| 108                         | 110.0 - 114.0                 | AF-CO-25X108 •                  | 8        |  | -                               | -        |  |
| 114                         | 116.0 - 120.0                 | AF-CO-25X114 •                  | 8        |  | AF-CO-32X114 •                  | 6        |  |

Length tolerance for tubes: ± 1,5 %

Thickness tolerance

|             |         |
|-------------|---------|
| ≤ 8 mm:     | ±1,0 mm |
| 9 - 18 mm:  | ±1,5 mm |
| 19 - 31 mm: | ±2,5 mm |
| > 31 mm:    | ±3,0 mm |

Remark All AF/Armaflex Class O tubes available as SLIT items. Add 0.12 p/m net after discount has been applied. For ordering add -SLT to above codes (e.g. AF-CO-19X010-SLT)

## AF/Armaflex Class 0 tubes DBSCG



| Pipe max. Outside-Ø [mm] | Domestic Building Services Compliance Guide Range<br>insulation thickness |                |              |          |  |
|--------------------------|---------------------------------------------------------------------------|----------------|--------------|----------|--|
|                          | Max. Permissible Heat loss [W/m]                                          | Thickness [mm] | Code         | m/carton |  |
| 8                        | 7.06                                                                      | 13.0           | AF-CO-13X010 | 188      |  |
| 10                       | 7.06                                                                      | 13.0           | AF-CO-13X010 | 188      |  |
| 12                       | 7.35                                                                      | 19.0           | AF-CO-19X012 | 92       |  |
| 15                       | 7.89                                                                      | 19.0           | AF-CO-19X015 | 78       |  |
| 22                       | 9.12                                                                      | 25.0           | AF-CO-25X022 | 40       |  |
| 28                       | 10.07                                                                     | 25.0           | AF-CO-25X028 | 32       |  |
| 35                       | 11.08                                                                     | 25.0           | AF-CO-25X035 | 24       |  |
| 42                       | 12.19                                                                     | 25.0           | AF-CO-25X042 | 24       |  |
| 54                       | 14.12                                                                     | 32.0           | AF-CO-32X054 | 12       |  |

## AF/Armaflex Class 0 self-adhesive tubes (Self Seal)



Length 2.0 m, Colour Black, Microban®

| Pipe max. Outside-Ø [mm] | Inner Ø min/max mm (tube) | 9,0 mm           |          |  | 13,0 mm          |          |  |
|--------------------------|---------------------------|------------------|----------|--|------------------|----------|--|
|                          |                           | Code             | m/carton |  | Code             | m/carton |  |
| 15                       | 16.0 - 18.0               | AF-CO-09X015-A   | 192      |  | AF-CO-13X015-A   | 136      |  |
| 20                       | 21.0 - 23.0               | AF-CO-09X020-A • | 156      |  | AF-CO-13X020-A • | 112      |  |
| 22                       | 23.0 - 25.0               | AF-CO-09X022-A   | 140      |  | AF-CO-13X022-A   | 104      |  |
| 28                       | 29.0 - 31.5               | AF-CO-09X028-A   | 98       |  | AF-CO-13X028-A   | 78       |  |
| 35                       | 36.0 - 38.5               | AF-CO-09X035-A   | 84       |  | AF-CO-13X035-A   | 60       |  |
| 42                       | 43.0 - 46.0               | AF-CO-09X042-A   | 60       |  | AF-CO-13X042-A   | 56       |  |
| 48                       | 49.0 - 51.5               | AF-CO-09X048-A   | 56       |  | AF-CO-13X048-A   | 40       |  |
| 54                       | 55.0 - 58.0               | AF-CO-09X054-A   | 54       |  | AF-CO-13X054-A   | 42       |  |
| 60                       | 61.0 - 64.0               | AF-CO-09X060-A • | 42       |  | AF-CO-13X060-A • | 36       |  |
| 67                       | 68.0 - 71.0               | -                | -        |  | AF-CO-13X067-A • | 34       |  |
| 76                       | 77.0 - 80.0               | -                | -        |  | AF-CO-13X076-A   | 28       |  |
| 89                       | 90.0 - 93.0               | -                | -        |  | AF-CO-13X089-A   | 22       |  |

| Pipe max. Outside-Ø [mm] | Inner Ø min/max mm (tube) | 19,0 mm          |          |  | 25,0 mm          |          |  |
|--------------------------|---------------------------|------------------|----------|--|------------------|----------|--|
|                          |                           | Code             | m/carton |  | Code             | m/carton |  |
| 15                       | 16.0 - 18.0               | AF-CO-19X015-A   | 78       |  | AF-CO-25X015-A   | 48       |  |
| 20                       | 21.0 - 23.0               | AF-CO-19X020-A • | 70       |  | AF-CO-25X020-A • | 40       |  |
| 22                       | 23.0 - 25.0               | AF-CO-19X022-A   | 64       |  | AF-CO-25X022-A   | 40       |  |
| 28                       | 29.0 - 31.5               | AF-CO-19X028-A   | 50       |  | AF-CO-25X028-A   | 32       |  |
| 35                       | 36.0 - 38.5               | AF-CO-19X035-A   | 40       |  | AF-CO-25X035-A   | 24       |  |
| 42                       | 43.0 - 46.0               | AF-CO-19X042-A   | 32       |  | AF-CO-25X042-A   | 24       |  |
| 48                       | 49.0 - 51.5               | AF-CO-19X048-A   | 30       |  | AF-CO-25X048-A   | 22       |  |
| 54                       | 55.0 - 58.0               | AF-CO-19X054-A   | 24       |  | AF-CO-25X054-A   | 18       |  |
| 60                       | 61.0 - 64.0               | AF-CO-19X060-A • | 24       |  | AF-CO-25X060-A • | 18       |  |
| 67                       | 68.0 - 71.0               | AF-CO-19X067-A • | 20       |  | AF-CO-25X067-A • | 16       |  |
| 76                       | 77.0 - 80.0               | AF-CO-19X076-A   | 18       |  | AF-CO-25X076-A   | 14       |  |
| 89                       | 90.0 - 93.0               | AF-CO-19X089-A   | 16       |  | AF-CO-25X089-A   | 12       |  |

Length tolerance for tubes: ± 1,5 %

Thickness tolerance

|             |         |
|-------------|---------|
| ≤ 8 mm:     | ±1,0 mm |
| 9 - 18 mm:  | ±1,5 mm |
| 19 - 31 mm: | ±2,5 mm |
| > 31 mm:    | ±3,0 mm |

• Not a stock item. Delivery on request.

## AF/Armaflex Class 0 tubes endless (coils)



Colour Black, Microban®, Coil length 15 m, supplied in polyethylene bag

| Pipe max.<br>Outside-Ø [mm] | Inner Ø<br>min/max<br>mm (tube) | 6,0 mm<br>insulation thickness |          |  | 9,0 mm<br>insulation thickness |          |  |
|-----------------------------|---------------------------------|--------------------------------|----------|--|--------------------------------|----------|--|
|                             |                                 | Code                           | m/carton |  | Code                           | m/carton |  |
| 6                           | 7.0 - 9.0                       | -                              | -        |  | AF-CO-09X006/E-15              | 180      |  |
| 10                          | 11.0 - 13.0                     | AF-CO-06X010/E-15              | 210      |  | AF-CO-09X010/E-15              | 150      |  |
| 12                          | 13.0 - 15.0                     | AF-CO-06X012/E-15              | 180      |  | AF-CO-09X012/E-15              | 135      |  |
| 15                          | 16.0 - 18.0                     | AF-CO-06X015/E-15              | 135      |  | AF-CO-09X015/E-15              | 135      |  |
| 20                          | 21.0 - 23.0                     | -                              | -        |  | AF-CO-09X020/E-15              | 105      |  |
| 22                          | 23.0 - 25.0                     | -                              | -        |  | AF-CO-09X022/E-15              | 90       |  |
| 28                          | 29.0 - 31.5                     | -                              | -        |  | AF-CO-09X028/E-15              | 75       |  |

| Pipe max.<br>Outside-Ø [mm] | Inner Ø<br>min/max<br>mm (tube) | 13,0 mm<br>insulation thickness |          |  |
|-----------------------------|---------------------------------|---------------------------------|----------|--|
|                             |                                 | Code                            | m/carton |  |
| 6                           | 7.0 - 9.0                       | AF-CO-13X006/E-15               | 135      |  |
| 10                          | 11.0 - 13.0                     | AF-CO-13X010/E-15               | 105      |  |
| 12                          | 13.0 - 15.0                     | AF-CO-13X012/E-15               | 90       |  |
| 15                          | 16.0 - 18.0                     | AF-CO-13X015/E-15               | 90       |  |
| 20                          | 21.0 - 23.0                     | AF-CO-13X020/E-15               | 90       |  |
| 22                          | 23.0 - 25.0                     | AF-CO-13X022/E-15               | 75       |  |
| 28                          | 29.0 - 31.5                     | AF-CO-13X028/E-15               | 60       |  |

Length tolerance for sheets ± 1,5 %

Thickness tolerance for sheets  
 ≤ 8 mm: ±1,0 mm  
 9 -18 mm: ±1,5 mm

## AF/Armaflex Class 0 tubes endless (coils)



Colour Black, Air Conditioning coils supplied in a specially designed carton for easy dispense

| Pipe max. Outside-<br>Ø [mm] | 6,0 mm<br>insulation thickness |          |  | 9,0 mm<br>insulation thickness |          |  |
|------------------------------|--------------------------------|----------|--|--------------------------------|----------|--|
|                              | Code                           | m/carton |  | Code                           | m/carton |  |
| 6                            | -                              | -        |  | AF-CO-09X006/E                 | 70       |  |
| 10                           | AF-CO-06X010/E                 | 75       |  | AF-CO-09X010/E                 | 50       |  |
| 12                           | AF-CO-06X012/E                 | 65       |  | AF-CO-09X012/E                 | 45       |  |
| 15                           | AF-CO-06X015/E                 | 55       |  | AF-CO-09X015-E                 | 40       |  |
| 20                           | -                              | -        |  | AF-CO-09X020/E                 | 34       |  |
| 22                           | -                              | -        |  | AF-CO-09X022/E                 | 30       |  |
| 28                           | -                              | -        |  | AF-CO-09X028/E                 | 26       |  |

| Pipe max. Outside-<br>Ø [mm] | 13,0 mm<br>insulation thickness |          |  |
|------------------------------|---------------------------------|----------|--|
|                              | Code                            | m/carton |  |
| 6                            | AF-CO-13X006/E                  | 45       |  |
| 10                           | AF-CO-13X010/E                  | 35       |  |
| 12                           | AF-CO-13X012/E                  | 32       |  |
| 15                           | AF-CO-13X015/E                  | 32       |  |
| 20                           | AF-CO-13X020/E                  | 28       |  |
| 22                           | AF-CO-13X022/E                  | 26       |  |
| 28                           | AF-CO-13X028/E                  | 20       |  |

Length tolerance for tubes: ± 1,5 %

Thickness tolerance  
 ≤ 6 mm: ±1,0 mm  
 9 -18 mm: ±1,5 mm

## AF/Armaflex Class 0 sheets



Length 2.0 m, Width 0.5 m, Colour Black, Microban®

| Code       | Thickness [mm] | m <sup>2</sup> /carton |  |
|------------|----------------|------------------------|--|
| AF-CO-10MM | 10.0           | 13                     |  |
| AF-CO-13MM | 13.0           | 9                      |  |
| AF-CO-19MM | 19.0           | 7                      |  |
| AF-CO-25MM | 25.0           | 5                      |  |
| AF-CO-32MM | 32.0           | 4                      |  |

Length tolerance for sheets

±1,5 %

Thickness tolerance for sheets

≤ 6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

>19 mm: ±2,0 mm

## AF/Armaflex Class 0 self-adhesive sheets



Length 2.0 m, Width 0.5 m, Colour Black, Microban®

| Code           | Thickness [mm] | m <sup>2</sup> /carton |  |
|----------------|----------------|------------------------|--|
| AF-CO-10MM/A • | 10.0           | 13                     |  |
| AF-CO-13MM/A • | 13.0           | 9                      |  |
| AF-CO-19MM/A • | 19.0           | 7                      |  |
| AF-CO-25MM/A • | 25.0           | 5                      |  |
| AF-CO-32MM/A • | 32.0           | 4                      |  |

Length tolerance for sheets

±1,5 %

Thickness tolerance for sheets

≤ 6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

>19 mm: ±2,0 mm

• Not a stock item. Delivery on request.

## AF/Armaflex Class 0 continuous sheets (rolls)



Width 1.0 m, Colour Black

| 1,0 m width    |                |                 |                        |  |
|----------------|----------------|-----------------|------------------------|--|
| Code           | Thickness [mm] | Roll length [m] | m <sup>2</sup> /carton |  |
| AF-03MM/E •    | 3.0            | 30              | 30                     |  |
| AF-CO-06MM/E   | 6.0            | 15              | 15                     |  |
| AF-CO-10MM/E   | 10.0           | 10              | 10                     |  |
| AF-CO-13MM/E   | 13.0           | 8               | 8                      |  |
| AF-CO-19MM/E   | 19.0           | 6               | 6                      |  |
| AF-CO-25MM/E   | 25.0           | 4               | 4                      |  |
| AF-CO-32MM/E   | 32.0           | 3               | 3                      |  |
| AF-CO-50MM/E • | 50.0           | 5               | 5                      |  |

Length tolerance for sheets

± 5 % - 1.5%

Thickness tolerance for sheets

≤ 6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

> 19 mm: ±2,0 mm

• Not a stock item. Delivery on request.

## AF/Armaflex Class 0 continuous sheets self-adhesive (rolls)



Width 1.0 m, Microban®

| 1,0 m width     |                |                 |           |  |
|-----------------|----------------|-----------------|-----------|--|
| Code            | Thickness [mm] | Roll length [m] | m²/carton |  |
| AF-03MM/EA •    | 3.0            | 30              | 30        |  |
| AF-CO-06MM/EA • | 6.0            | 15              | 15        |  |
| AF-CO-10MM/EA • | 10.0           | 10              | 10        |  |
| AF-CO-13MM/EA • | 13.0           | 8               | 8         |  |
| AF-CO-19MM/EA • | 19.0           | 6               | 6         |  |
| AF-CO-25MM/EA • | 25.0           | 4               | 4         |  |
| AF-CO-32MM/EA • | 32.0           | 3               | 3         |  |
| AF-CO-50MM/EA • | 25.0           | 5               | 5         |  |

Length tolerance for sheets

± 5 % - 1.5%

Thickness tolerance for sheets

≤ 6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

> 19 mm: ±2,0 mm

• Not a stock item. Delivery on request.

## AF/Armaflex Class 0 self-adhesive tapes



Length 15.0 m, Width 50.0 mm, Thickness 3.0 mm, Colour Black, Microban®

| Code       | Width [mm] | Length [m] | Thickness [mm] | Rolls/carton |  |
|------------|------------|------------|----------------|--------------|--|
| AF-TAPE-MC | 50.0       | 15         | 3              | 12           |  |