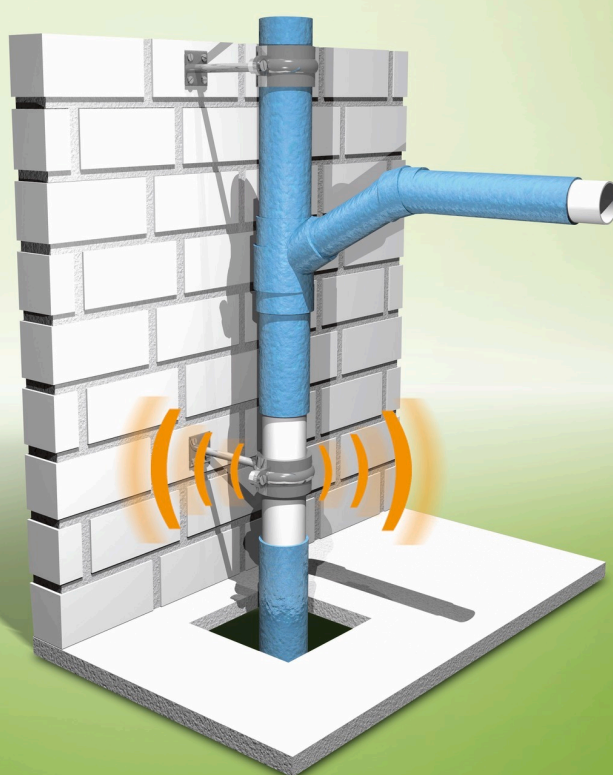


Tubolit® AR
Fonoblok

THE NOISE REDUCING INSULATION FOR
CAST IRON WASTE WATER PIPES



- Improved acoustic comfort
- Easy application over flanges and elbows
- < 15 dB(A) on cast iron pipes

Technical Data - Tubolit AR Fonoblok

| | |
|------------------------------|---|
| Brief description | Flexible, closed-cell extruded insulation material to reduce noise and prevent condensation especially on cast iron pipes for waste water, rain water and sewage pipes. |
| Material type | Foam material based on polyethylene. Factory made polyethylene foam (PEF) according to EN 14313. |
| Colour | blue |
| Material Special Information | Self-adhesive coating on tapes: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure, covered with polyethylene foil. |
| Applications | Acoustical and thermal insulation of internal waste water, rain water and sewage pipes in residential and non-residential buildings. For complex and large diameter rain collecting and (roof-) drainage pipes, to provide optimal protection against the risk of condensation, we recommend using Armaflex insulation. |
| Remarks | Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP |

| Property | Value/Assessment | | | Test ¹ | Special Remark | |
|---|--|----------------------|-----------------|---|----------------|--|
| Temperature Range | | | | | | |
| Temperature Range | max. service temperature | | + 100 °C | (+ 85 °C for tapes) | EU 5677 | Tested acc. to EN 14707 and EN 14313 |
| | min. service temperature | | | (as is usual in plumbing installations) | | |
| Thermal Conductivity | | | | | | |
| Thermal Conductivity ¹ | ϑ_m 40 | | [°C] | $\lambda =$ | EU 5677 | Declared acc. to EN ISO 13787 Tested acc. to EN ISO 8497 |
| | Tubolit AR Fonoblok | $\lambda \leq 0,045$ | W/(m · K) | $[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$ | | |
| | Tubolit AR tape | $\lambda \leq 0,045$ | W/(m · K) | $[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$ | | |
| Fire performance | | | | | | |
| Reaction to fire | Tubolit AR Fonoblok | | E | | EU 5677 | Classified acc. to EN 13501-1 Tested acc. to EN ISO 11925-2 |
| | Tubolit AR tape | | E | | | |
| Acoustic Performance | | | | | | |
| Reduction of structure-borne sound transmission | on cast-iron waste water pipes | | ≤ 15 dB(A) | | D 2144 | Tested acc. to EN 14366 |
| Other technical features | | | | | | |
| Dimensions and tolerances | In accordance with EN 14313, table 1 and 2 | | | | EU 5677 | Tested acc. to EN 822 EN 823 EN 13467 |
| Storage & Shelf life | Tapes 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. Due to testing method and laboratory equipment, thermal conductivity is measured for Tubolit DG, S and DHS in a regular way

*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. During storage of the product blooming on the surfaces may occur, especially at wall thickness below 19mm. This blooming does not affect the technical properties of the material, but can affect the adhesion properties. Therefore, the surface needs to be cleaned (wiped off) before adhesives can be applied.

Tubolit AR Fonoblok tubes endless



Length 15,0 m, Thickness 5,0 mm, Color blue

| Pipe max. Outside-Ø [mm] | 5,0 mm insulation thickness | | | | |
|-----------------------------|--------------------------------|------------------|--------------------|----------|--------------|
| | Outer- Ø [mm] | Nominal width DN | Code | m/carton | Rolls/carton |
| 57 | 58 | 50 | TL-50/5-AR | 135 | 9 |
| 64 | 63 | 60 | TL-60/5-AR | 120 | 8 |
| 76 | 78 | 70 | TL-70/5-AR | 105 | 7 |
| 89 | 90 | 90 | TL-90/5-AR | 75 | 5 |
| 108 | 110 | 100 | TL-100/5-AR | 75 | 5 |
| 133 | 135 | 125 | TL-125/5-AR | 60 | 4 |
| 160 | 160 | 150 | TL-150/5-AR | 45 | 3 |

Tubolit AR Fonoblok tapes self-adhesive



Color blue, Material from high quality polyethylene

| Code | Width [mm] | Length [m] | Thickness [mm] | Rolls/carton |
|-------------------------|------------|------------|----------------|--------------|
| TL-TAPE/50-AR | 50,0 | 15 | 3 | 12 |
| TL-TAPE/100-AR • | 100,0 | 15 | 3 | 6 |

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

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