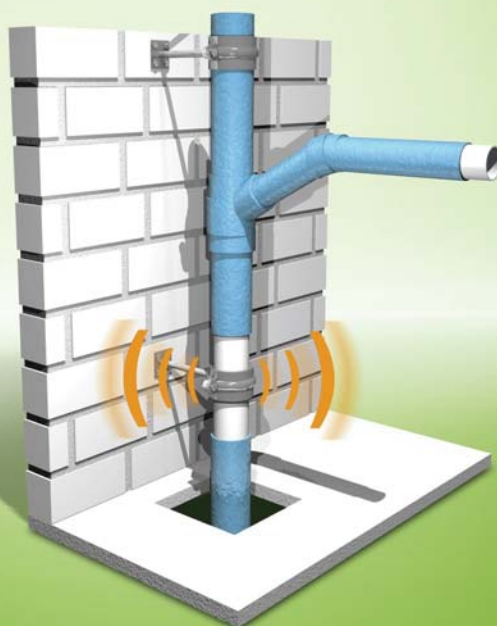


**Tubolit® AR**  
Fonoblok

THE NOISE REDUCING INSULATION FOR  
CAST IRON WASTE WATER PIPES



- Improved acoustic comfort
- Easy application over flanges and elbows
- < 15db(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 and rain water 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	Acoustic and thermal insulation of internal waste water and rain water 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: <a href="http://www.armacell.com/DoP">www.armacell.com/DoP</a>

Property	Value/Assessment	Test <sup>*1</sup>	Special Remarks
<b>Temperature Range</b>			
Temperature Range	Max. service temperature	+ 100 °C	(+ 85 °C for tapes)
	Min. service temperature		(as per typical plumbing installations)
<b>Thermal Conductivity</b>			
Thermal Conductivity <sup>1</sup>	$\vartheta_m$	40	[°C]
	Tubolit AR Fonoblok	$\lambda \leq 0.045$	W/(m · K)
	Tubolit AR tape	$\lambda \leq 0.045$	W/(m · K)
			$\lambda = \frac{[41 + 0.1 \cdot \vartheta_m + 0.0008 \cdot (\vartheta_m - 40)^2]}{1000}$
			$\lambda = \frac{[41 + 0.1 \cdot \vartheta_m + 0.0008 \cdot (\vartheta_m - 40)^2]}{1000}$
<b>Fire performance</b>			
Reaction to fire <sup>2</sup>	Tubolit AR Fonoblok	E	
	Tubolit AR tape	E	
<b>Acoustic performance</b>			
Reduction of structure-borne sound transmission	on cast-iron waste water pipes	$\leq 15$ dB(A)	
<b>Other technical features</b>			
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2	EU 5677 EU 5682	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. In accordance with testing methods and laboratory equipment, the thermal conductivity for Tubolit, S, S Plus and tape is measured in the conventional way

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 available.

## Tubolit AR Fonoblok tubes endless (coils)



Length 15.0 m, Thickness 5.0 mm, Colour Blue, structure-borne noise insulation for waste-water and metal drainage pipes

Pipe max. Outside- Ø [mm]	5,0 mm insulation thickness					
	Outer- Ø [mm]	Nominal width DN	Code	m/carton	Rolls/carton	£/m
57	58	50	<b>TL-50/5-AR •</b>	135	9	3.32
76	78	70	<b>TL-70/5-AR •</b>	105	7	4.10
89	90	90	<b>TL-90/5-AR •</b>	75	5	4.91
108	110	100	<b>TL-100/5-AR •</b>	75	5	5.84
133	135	125	<b>TL-125/5-AR •</b>	60	4	6.77
160	160	150	<b>TL-150/5-AR •</b>	45	3	7.68

• Not a stock item. Delivery on request.

## Tubolit AR Fonoblok self-adhesive tapes



Colour Blue, material from quality polyethelene

Code	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton	
<b>TL-TAPE/50-AR •</b>	50.0	15	3	12	
<b>TL-TAPE/100-AR •</b>	100.0	15	3	6	

• Not a stock item. Delivery on request.