

INSTALL IT. BENEFIT FROM THE RANGE.

Tubolit

AR Fonowave

PE endless insulation tube with sound wave profile for plastic waste water pipes

// Improved acoustic comfort: < 11dB (A) on plastic pipes
// Easy application over flanges and elbows
// Durable outside coating for protection

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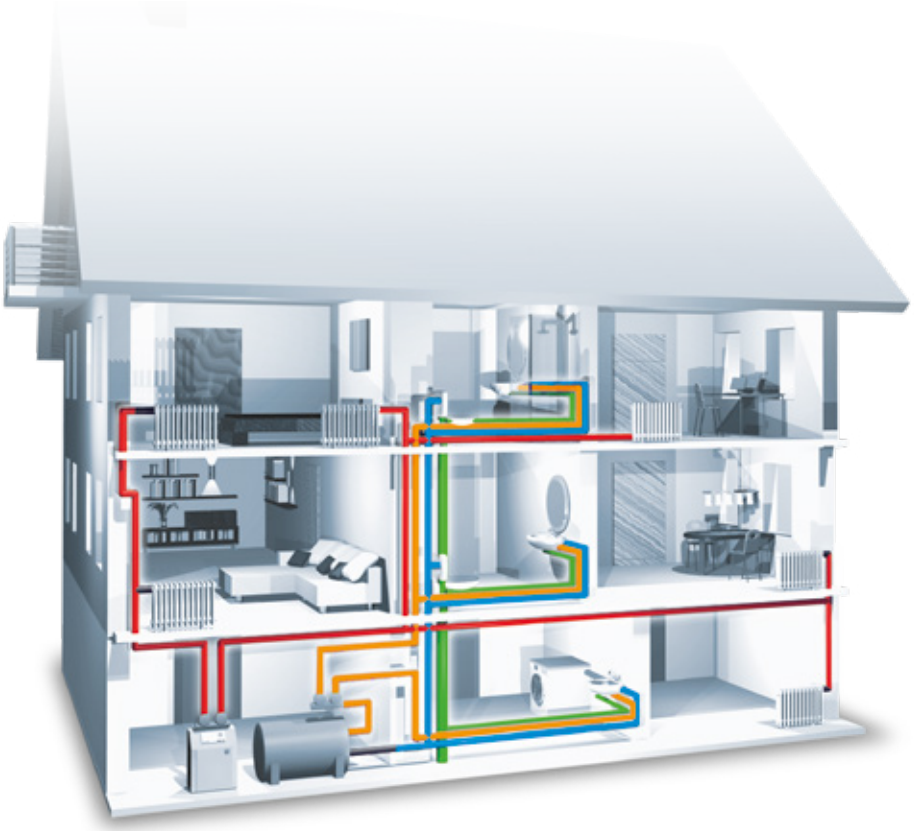




armacell®
ArmaLight™

INSTALL IT. BENEFIT FROM THE RANGE.

ArmaLight Tubolit



ArmaLight Tubolit saves energy, improves acoustic comfort in buildings and protects pipes installed within the building shell. ArmaLight Tubolit is the most complete range of thermal, acoustical and protective insulation products for installations of heating, domestic hot and cold water and sewage pipes in both residential as well as public and commercial buildings.

Heating
Domestic hot water
Cold water pipes
Waste water

Typical application areas

Product	Type of installation				Additional Benefit /Requirement				
ArmaLight Tubolit	Heating	Domestic hot water	Cold water pipes	Waste water	Extra protection	50% faster application	Noise reduction	Under plaster	Under floor
DG	•••	•••	••						
DG self-seal	•••	•••	••			✓			
DG-B1	•••	•••	••						
DG Plus	•••	•••	••						
S	•••	•••	••		✓		✓	✓	
S Plus			•••		✓		✓	✓	
DHS Quadra	•••				✓		✓		✓
AR Fonowave				•••	✓		✓		
AR Fonoblok				•••	✓		✓		

TECHNICAL DATA - TUBOLIT AR FONOWAVE

Brief description	Flexible, closed-cell extruded insulation material to reduce noise and prevent condensation especially on plastic waste water, rain water and sewage pipes.
Material type	Foam material based on polyethylene. Factory made polyethylene foam (PEF) according to EN 14313.
Additional material information	Self-adhesive coating on tapes: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure, covered with polyethylene foil.
Product colour range	Blue
Special features	Foil coating on outer surface for additional protection of insulation surface. Specially wave-shaped inner surface provides excellent acoustical performance on plastic pipes.
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.
Declaration of performance	Declaration of Performance in accordance with Article 7(3) of Regulation (EU) No 305/2011 is available at www.armacell.com/DoP.

Property	Value / Assessment		Standard / Test method
Operating temperature			
Operating temperature	Maximum temperature: 100°C +85 °C for tapes Minimum temperature: As is usual in plumbing and heating installations		EN 14707, EN 14313
Thermal conductivity			
Declared thermal conductivity	ϑm	40°C	EN ISO 13787, EN ISO 8497
	λd ⩽ [W/(m·K)]	0,045	
	Range	Tubolit AR Fonowave, Tubolit AR tape	
	Formula	$\lambda(\vartheta)=[41 + 0,1\cdot \vartheta m + 0,0008 \cdot(\vartheta m-40)^2]/1000$	
Fire Performance and Approvals			
Reaction to fire	Tubolit AR Fonowave : E(L) Tubolit AR tape : E		EN 13501-1, EN ISO 11925-2
Physical attributes			
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2		EN 822, EN 823, EN 13467
Acoustic performance			
System acoustic insertion loss	on plastic waste water pipes ⩽ 11 dB(A)		EN 14366
Health and environment			
Environmental Product Declaration (EPD)	Type III Environmental Product Declaration (EPD): Declaration number "910/2026", Instytut Techniki Budowlanej (ITB)		EN 15804+A2
Additional features	SCCP, MCCP-free		
Other technical features			
Shelf life	Tapes self-adhesive: 1 year		
Storage	Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C – 35 °C).		

Coil. Blue. Length: 10.0m

Pipe Ø [mm]	Item	EAN	Content [metric]
57	**CO-50/9-ARW**	7612207334012	80 m
75	**CO-70/9-ARW**	7612207334029	60 m
90	**CO-90/9-ARW**	7612207351484	50 m
110	**CO-100/9-ARW**	7612207468755	40 m
125	**CO-125/9-ARW**	7612207334043	40 m

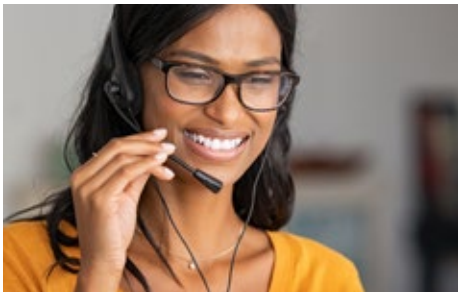
Tape – insulation. Blue. Low-density Polyethylene foam (PEF) with protective PE-coating and self-adhesive layer.

Item	Description	Thickness [mm]	Width [mm]	Length [m]	EAN	Content [metric]
TL-TAPE/50-ARW	Tape with self-adhesive layer, LDPE foam based covered with blue foil.	3	50	15	7612207329087	12 roll(s)

OUR CUSTOMERS EXPECT THE BEST. WE WORK HARD TO GO BEYOND THAT AND EXCEED THEIR EXPECTATIONS.

At Armacell we want to create a unique customer experience. We understand the challenges of today's construction industry and support you in the successful delivery of your projects. From planning to delivery, our 360° service supports you throughout the entire process.







SERVICE AND TECHNICAL INFORMATION AVAILABLE 24/7

At Armacell, we do everything we can to ensure your project runs smoothly. This is why the information about the Armacell services you benefit from is available 24/7 from Armacell.com website as well as from our planning tools (BIM, specification documents, ArmaWin, as well as our sustainable building policy)

DEDICATED LOCAL CONTACTS

We aim to create open lines of communication with our customers. From on-site trainings and webinars by our Armacell technical experts advising on project planning and safety instructions to our local dedicated sales and customer services, your local Armacell dedicated team is working in partnership with you to achieve more together.

DIGITAL INFORMATION FLOWS

From order to delivery, we also provide you with digital information flows such as EDI and other well-known data formats that are widely used in the construction sector worldwide.

LOGISTICS



OUR STANDARD LOGISTICS SERVICES INCLUDE

// Material ordered will be shipped from our facilities within 48 hours after order confirmation

// Full truck loads and full pallets (not mixed – 1 SKU per pallet)

// List prices in this document are based on Ex Works

// Container loading with standard goods

// Customs clearance (including documentation) for standard deliveries outside EU

// Dangerous goods process for road freight

WE GO BEYOND STANDARD SERVICES AND ALSO PROPOSE YOU ADDITIONAL SERVICES*

OPIMISED PACKAGING

- Edge protection
- Strapping
- Doubled stretching
- Reinforced cardboard with extra layer
- Additional warning tape

LABELLING

- Extra label for transport instructions

EXTRA DELIVERY SERVICES

- Just in time delivery
- Delivery with lifting platform for partial or complete load
- Express and direct shipments
- Booking a delivery time slot via your EDP system
- Forklift truck for unloading at construction site
- Air and sea freight deliveries
- Dangerous goods shipment process for air and sea freight



To mitigate cost increases and reduce waste generation, we also propose a pallet return service* by which pallets can be handed at Armacell collection points.

* Please contact your local Customer Service Centre to see which of these services apply to your country.

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ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical insulation solutions that create sustainable value for its customers. Armacell's products significantly contribute to driving energy efficiency worldwide. With more than 3,100 employees and 26 production plants in 20 countries, Armacell operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

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For more information, please visit:
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