

INSTALL IT. BENEFIT FROM THE RANGE.

Tubolit
S Plus

PE insulation for installations with limited space

// Optimised pipe protection and insulation thickness for installations with limited space
// Fast and easy sleeving due to extra inner foil
// Reduce structure-borne sound

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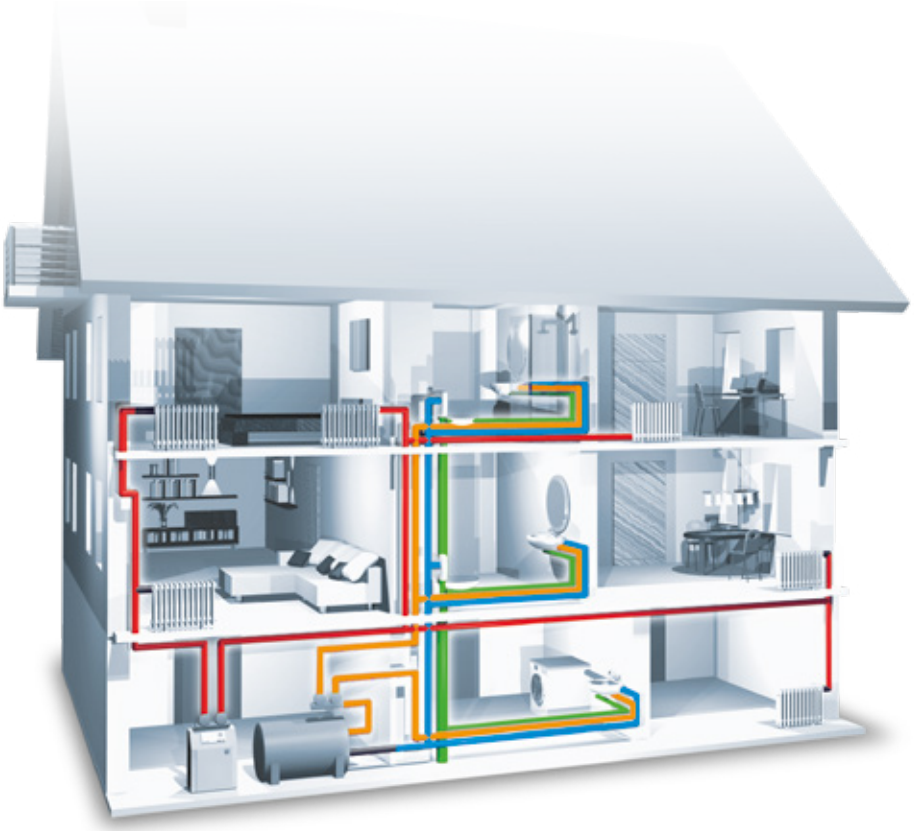




armacell®
ArmaLight™

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 S PLUS

Brief description	Flexible, closed-cell extruded insulation material to reduce heat losses and noise on heating and plumbing installations.
Material type	Foam material based on polyethylene. Factory made polyethylene foam (PEF) according to EN 14313.
Product colour range	Grey foam with blue or red covering
Special features	Foil coating on outer surface for additional protection of insulation surface. Foil coating on inner surface for better sleeve-on installation.
Applications	Insulation/protection of pipes (heating system pipes, domestic hot and cold water pipes) and other parts of heating and plumbing installations (including elbows, fittings, flanges, etc).
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.
Remarks	After installation linear shrinkage of approx. 2% (or more in particular cases) may occur during the initial and even later phase of system operation. Under certain conditions (e.g. high humidity, main distribution pipes, pipes with constant or almost constant flow) cold water pipelines must be insulated with Armaflex, just the same as chilled water pipes in air-conditioning systems.

Property	Value / Assessment		Standard / Test method
Operating temperature			
Operating temperature	Maximum temperature: 100°C +85 °C for tapes Minimum temperature: As is usual in heating and plumbing installations		EN 14313, EN 14707
Thermal conductivity			
Declared thermal conductivity	Θm	40°C	EN ISO 13787, EN ISO 8497
	λd ≤ [W/(m·K)]	0,045	
	Range	Tubolit S Plus tubes	
	Formula	$\lambda(\vartheta m)=[41 + 0{,}1\cdot \vartheta m + 0{,}0008\cdot(\vartheta m-40)^2]/1000$	
Fire Performance and Approvals			
Reaction to fire	Tubolit S Plus tubes : E(L)		EN ISO 11925-2, EN 13501-1
Physical attributes			
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2		EN 822, EN 823, EN 13467
Health and environment			
Volatile organic compounds (VOC) content	Fulfills all VOC requirements (French, Italian, Belgian, German AgBB, Blauer Engel and Eurofins Indoor Air Comfort GOLD).		ISO 16000 Parts 3, 6 & 9
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 and tubes self-seal: 1 year		
Storage	Can be stored in dry, clean rooms at normal relative humidity (50% to70%) and ambient temperature (0 °C –35 °C).		

Coil. Grey foam with blue covering. Length 20 meter per coil.

4 mm

Pipe Ø [mm]	Item	EAN	Content [metric]
15	**TL-12-15/4-S+**	7612207146059	520 m
18	**TL-18/4-S+**	7612207146066	440 m
22	**TL-22/4-S+**	7612207146073	400 m
28	**TL-28/4-S+**	7612207146080	320 m
35	**TL-35/4-S+**	7612207146097	280 m
42	**TL-42/4-S+**	7612207146103	240 m

Coil. Grey foam with red covering. Length 20 meter per coil.

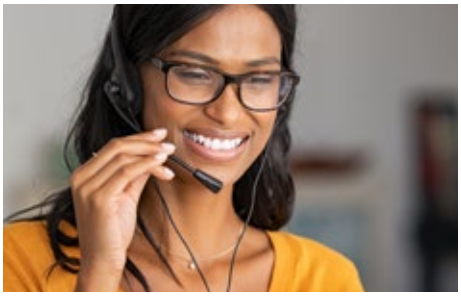
4 mm

Pipe Ø [mm]	Item	Make-To-Order	EAN	Content [metric]
15	**TL-12-15/4-S+RE**	*	7612207191967	520 m
18	**TL-18/4-S+RE**		7612207191974	440 m
22	**TL-22/4-S+RE**		7612207191981	400 m
28	**TL-28/4-S+RE**		7612207191998	320 m

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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