



INSTALL IT. BENEFIT FROM
THE RANGE.

Tubolit S Plus

PE insulation for installations with
limited space

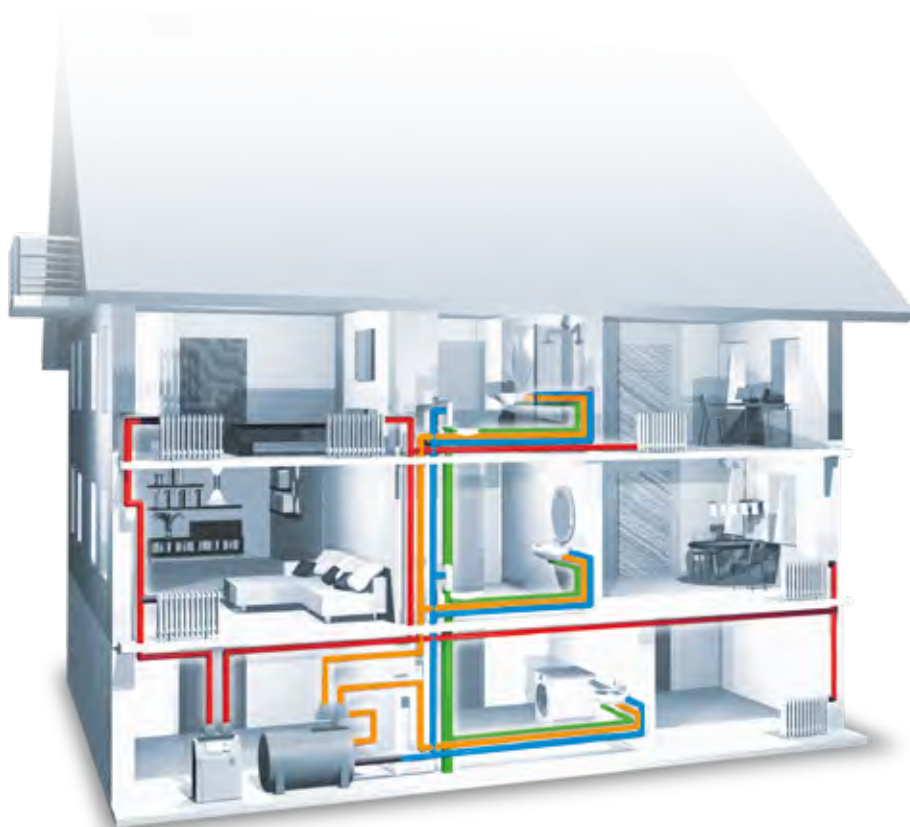
- // Optimised pipe protection and insulation thickness for
installations with limited space
- // Fast and easy sleeving due to extra inner foil
- // Reduce structure-borne sound



 **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				
	Heating	Domestic hot water	Cold water pipes	Waste water	Extra protection	50% faster application	Noise reduction	Under plaster	Under floor
ArmaLight Tubolit									
DG	•••	•••	••						
DG self-seal	•••	•••	••			✓			
DG-B1	•••	•••	••						
DG Plus	•••	•••	••						
S	•••	•••	••		✓		✓	✓	
S Plus			•••		✓		✓	✓	
DHS Quadra	•••				✓		✓		✓
AR Fonowave				•••	✓		✓		
AR Fonoblok				•••	✓		✓		

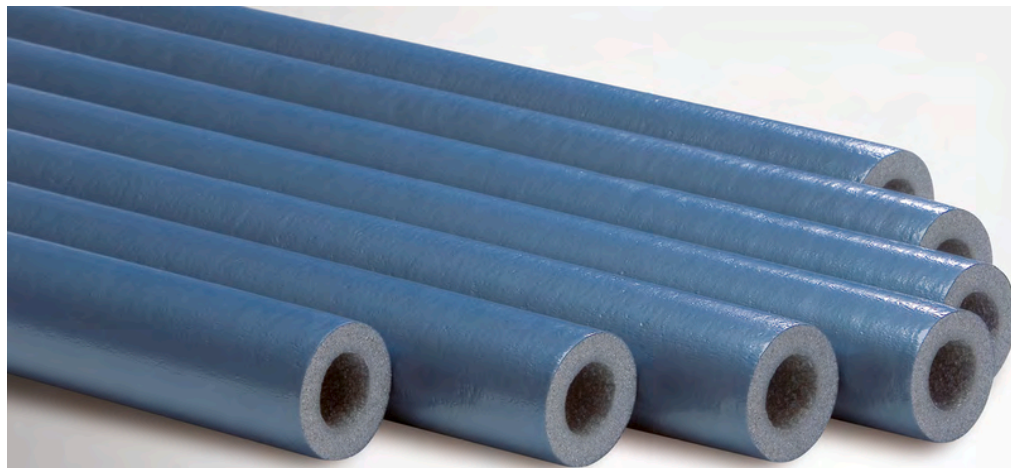
TECHNICAL DATA - TUBOLIT S PLUS

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	ϑ_m	40°C
	$\lambda d \leq [W/(m \cdot K)]$	0,045
	Range	Tubolit S Plus tubes
	Formula	$[45 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$
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 "150/2021", Instytut Techniki Budowlanej (ITB) Type III Environmental Product Declaration (EPD): Declaration number "151/2021", Instytut Techniki Budowlanej (ITB)	
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% to 70%) and ambient temperature (0 °C -35 °C).	

Coil. Grey

Pipe Ø [mm]	Item	EAN	Content [metric]
15	TL-12-15/4-S+	7612207146059	520 m
15	TL-12-15/4-S+RE	7612207191967	520 m
18	TL-18/4-S+	7612207146066	440 m
18	TL-18/4-S+RE	7612207191974	440 m
20	TL-20/4-S+	7612207364132	440 m
22	TL-22/4-S+	7612207146073	400 m
22	TL-22/4-S+RE	7612207191981	400 m
25	TL-24/4-S+	7612207364163	400 m
28	TL-28/4-S+	7612207146080	320 m
28	TL-28/4-S+RE	7612207191998	320 m
30	TL-30/4-S+	7612207364262	320 m
35	TL-35/4-S+	7612207146097	280 m
35	TL-35/4-S+RE	7612207192001	280 m
42	TL-42/4-S+	7612207146103	240 m
42	TL-42/4-S+RE	7612207192018	240 m

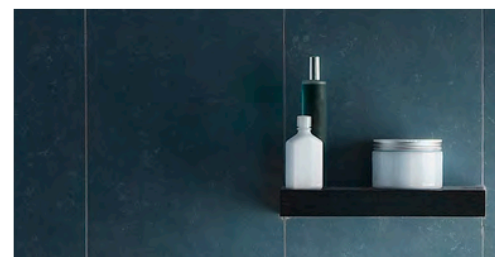


INSTALL IT. BENEFIT FROM
THE RANGE.

Tubolit S

The insulation to prevent transmission of
structure-borne noise

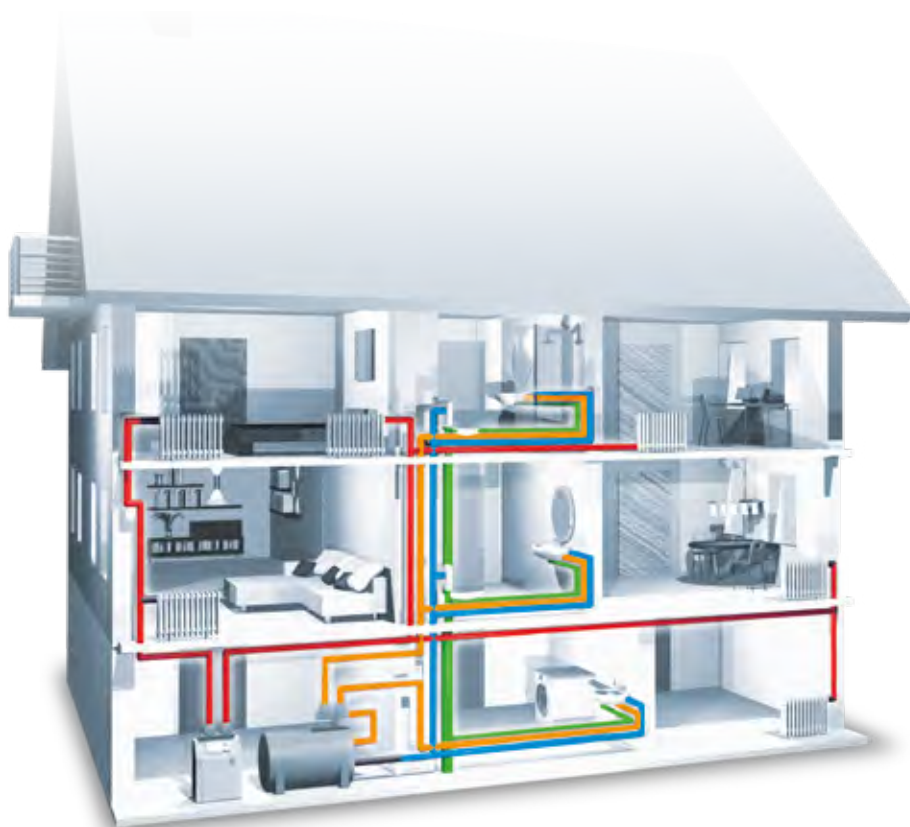
- // Improved acoustic comfort by de-coupling the pipe
from the building structure
- // Pipe protection against aggressive building materials
- // Effective thermal insulation to reduce heat losses



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

TECHNICAL DATA - TUBOLIT S

Brief description	Flexible, closed-cell extruded insulation material to reduce heat losses and noise on heating and plumbing installations
Material type	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.
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 14707, EN 14313								
Thermal conductivity										
Declared thermal conductivity	<table border="1"> <tr> <td>ϑ_m</td> <td>40°C</td> </tr> <tr> <td>$\lambda_d \leq [W/(m \cdot K)]$</td> <td>0,04</td> </tr> <tr> <td>Range</td> <td>Tubolit S tubes</td> </tr> <tr> <td>Formula</td> <td>$[36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$</td> </tr> </table>	ϑ_m	40°C	$\lambda_d \leq [W/(m \cdot K)]$	0,04	Range	Tubolit S tubes	Formula	$[36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$	EN ISO 13787, EN ISO 8497
ϑ_m	40°C									
$\lambda_d \leq [W/(m \cdot K)]$	0,04									
Range	Tubolit S tubes									
Formula	$[36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$									
Fire Performance and Approvals										
Reaction to fire	Tubolit S wall thickness 6-13 mm : B(L)-s1,d0 Tubolit S wall thickness 14-27 mm: E(L)	EN 13501-1, EN ISO 11925-2, EN 13823								
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								
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% to 70%) and ambient temperature (0 °C -35 °C).									

Coil (coated). Grey foam with blue covering.

Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]
18	TL-18/6-S-10M	7612207363852	320 m	22	TL-22/6-S-10M	7612207363869	280 m
28	TL-28/6-S-10M	7612207363876	250 m	-	-	-	-

Coil (coated). Grey foam with red covering.

Pipe Ø [mm]	Item	EAN	Content [metric]
15	TL-15/6-S-RE-10M	7612207295757	360 m
18	TL-18/6-S-RE-10	7612207295764	320 m
22	TL-22/6-S-RE-10	7612207295771	280 m
28	TL-28/6-S-RE-10	7612207298789	250 m
35	TL-35/6-S-RE-10	7612207298796	210 m

Tube – standard. Grey foam with red covering.

6 mm				9 mm				13 mm			
Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]
15	TL-15/6-S-RE	7612207396744	340 m	15	TL-15/9-S-RE	7612207396898	234 m	15	TL-15/13-S-RE	7612207396973	172 m
18	TL-18/6-S-RE	7612207396737	280 m	18	TL-18/9-S-RE	7612207396904	214 m	18	TL-18/13-S-RE	7612207396850	148 m
22	TL-22/6-S-RE	7612207396706	240 m	22	TL-22/9-S-RE	7612207396805	178 m	22	TL-22/13-S-RE	7612207396935	128 m
28	TL-28/6-S-RE	7612207396713	170 m	28	TL-28/9-S-RE	7612207396911	130 m	28	TL-28/13-S-RE	7612207396867	98 m
35	TL-35/6-S-RE	7612207396720	118 m	35	TL-35/9-S-RE	7612207396836	96 m	35	TL-35/13-S-RE	7612207191769	72 m
-	-	-	-	42	TL-42/9-S-RE	7612207191837	72 m	-	-	-	-

Tube – standard. Grey foam with blue covering

4 mm				6 mm				9 mm			
Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]
15	TL-15/4-S	7612207459999	520 m	12	TL-12/6-S	7612207396485	400 m	12	TL-12/9-S	7612207358704	240 m
18	TL-18/4-S	7612207460032	440 m	15	TL-15/6-S	7612207396379	340 m	15	TL-15/9-S	7612207399721	234 m
22	TL-22/4-S	7612207460001	400 m	16	TL-16/6-S	7612207396492	320 m	18	TL-18/9-S	7612207399684	214 m
28	TL-28/4-S	7612207460025	320 m	18	TL-18/6-S	7612207396829	280 m	22	TL-22/9-S	7612207399592	178 m
35	TL-35/4-S	7612207460018	280 m	20	TL-20/6-S	7612207397048	210 m	28	TL-28/9-S	7612207399738	130 m
-	-	-	-	22	TL-22/6-S	7612207397055	240 m	35	TL-35/9-S	7612207399677	96 m
-	-	-	-	25	TL-25/6-S	7612207397000	150 m	42	TL-42/9-S	7612207144499	72 m
-	-	-	-	28	TL-28/6-S	7612207397017	170 m	48	TL-48/9-S	7612207399646	70 m
-	-	-	-	35	TL-35/6-S	7612207397024	118 m	-	-	-	-

Tube – standard. Grey foam with blue covering

4 mm				6 mm				9 mm			
Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]
-	-	-	-	42	TL-42/6-S	7612207397031	70 m	-	-	-	-

Tube – standard. Grey foam with blue covering

13 mm				20 mm				25 mm			
Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]
15	TL-15/13-S	7612207399691	172 m	18	TL-18/20-S	7612207233650	78 m	28	TL-28/25-S	7612207144635	46 m
18	TL-18/13-S	7612207399653	148 m	28	TL-28/20-S	7612207144604	60 m	-	-	-	-
22	TL-22/13-S	7612207399608	128 m	35	TL-35/20-S	7612207399615	50 m	-	-	-	-
28	TL-28/13-S	7612207399714	98 m	42	TL-42/20-S	7612207144628	40 m	-	-	-	-
35	TL-35/13-S	7612207189285	72 m	-	-	-	-	-	-	-	-
42	TL-42/13-S	7612207189292	56 m	-	-	-	-	-	-	-	-

Tube – standard. Grey foam with blue covering

26 mm				27 mm			
Pipe Ø [mm]	Item	EAN	Content [metric]	Pipe Ø [mm]	Item	EAN	Content [metric]
18	TL-18/26-S	7612207144642	56 m	15	TL-15/27-S	7612207399622	66 m
22	TL-22/26-S	7612207399455	54 m	-	-	-	-

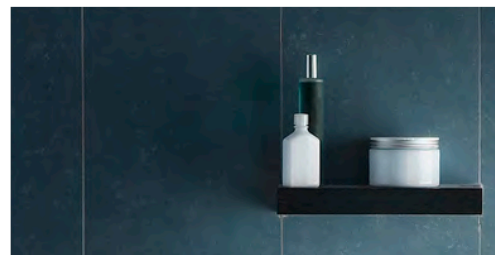


INSTALL IT. BENEFIT FROM
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Tubolit AR Fonoblok

Improved acoustic comfort for waste
water pipes

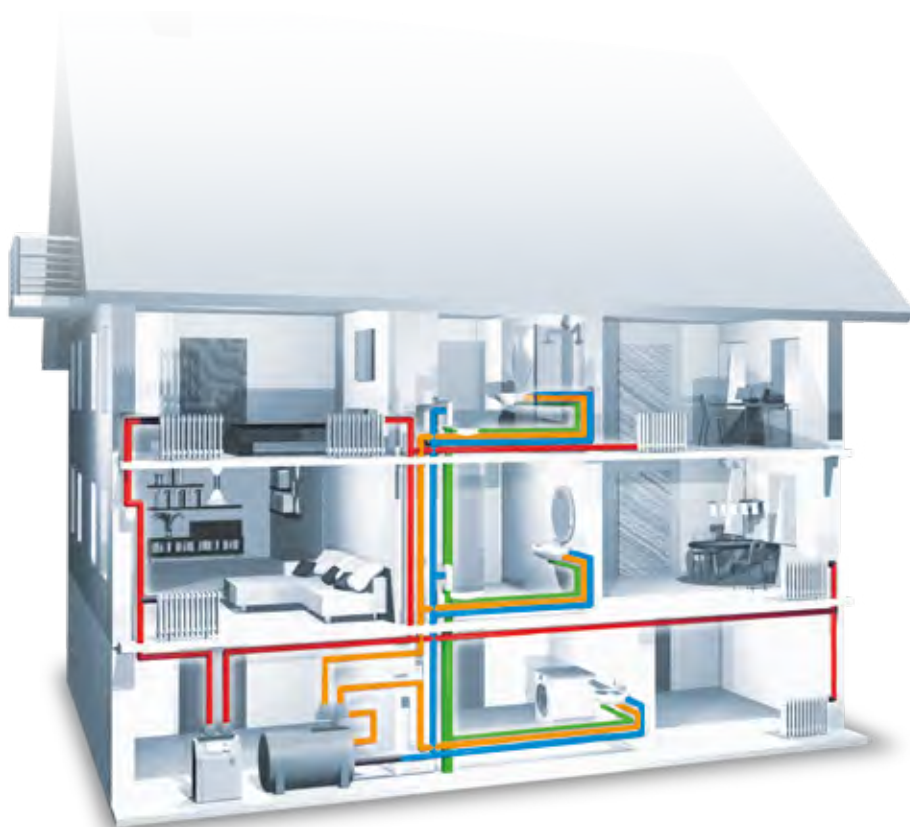
- // PE endless insulation for cast iron and plastic waste water pipes
- // Noise reduction up to 15 dB(A) on waste water pipes
- // Full range available up to DN 150
- // Easy application over flanges and elbows including tape



 **armacell**[®]
ArmaLight[™]

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- Heating
- Domestic hot water
- Cold water pipes
- Waste water

Typical application areas

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

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	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
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	<table border="1"> <tr> <td>ϑ_m</td> <td>40°C</td> </tr> <tr> <td>$\lambda_d \leq [W/(m \cdot K)]$</td> <td>0,045</td> </tr> <tr> <td>Formula</td> <td>$[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$</td> </tr> </table>	ϑ_m	40°C	$\lambda_d \leq [W/(m \cdot K)]$	0,045	Formula	$[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$	EN ISO 13787, EN ISO 8497
ϑ_m	40°C							
$\lambda_d \leq [W/(m \cdot K)]$	0,045							
Formula	$[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$							
Fire Performance and Approvals								
Reaction to fire	Tubolit AR Fonoblok : 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 cast iron waste water pipes ≤ 15 dB(A)	EN 14366						
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 "150/2021", Instytut Techniki Budowlanej (ITB)							
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).							

Tape – insulation

Item	Description	Thickness [mm]	Width [mm]	Length [m]	Content [quantity]
TL-TAPE/50-AR	Tubolit AR Fonoblok Tape (50 mm x 15 m x 3 mm)	3	50	15	12 roll
TL-TAPE/100-AR	Tubolit AR Fonoblok Tape (100 mm x 15 m x 3 mm)	3	100	15	6 roll



INSTALL IT. BENEFIT FROM
THE RANGE.

Tubolit AR Fonowave

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

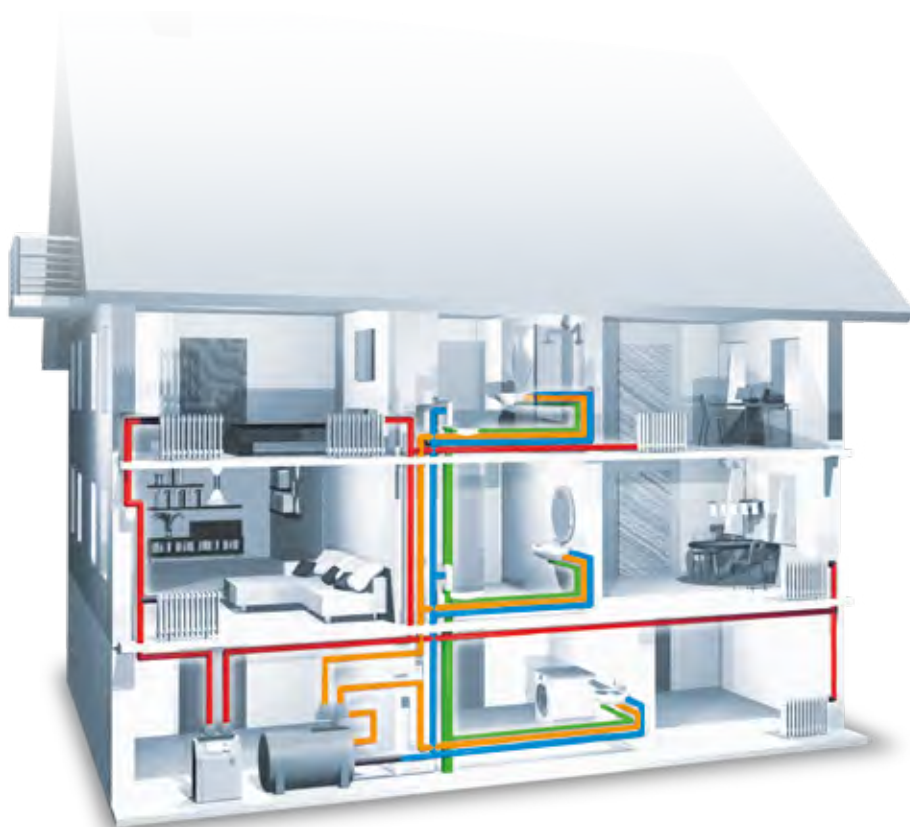
- // Improved acoustic comfort: < 11dB (A) on plastic pipes
- // Easy application over flanges and elbows
- // Durable outside coating for protection



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- Heating
- Domestic hot water
- Cold water pipes
- Waste water

Typical application areas

Product	Type of installation				Additional Benefit /Requirement				
	Heating	Domestic hot water	Cold water pipes	Waste water	Extra protection	50% faster application	Noise reduction	Under plaster	Under floor
ArmaLight Tubolit									
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	<table border="1"> <tr> <td> ϑ_m $\lambda d \leq [W/(m \cdot K)]$ Range Formula </td> <td> 40°C 0,045 Tubolit AR Fonowave, Tubolit AR tape $[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$ </td> </tr> </table>	ϑ_m $\lambda d \leq [W/(m \cdot K)]$ Range Formula	40°C 0,045 Tubolit AR Fonowave, Tubolit AR tape $[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$	EN ISO 13787, EN ISO 8497
ϑ_m $\lambda d \leq [W/(m \cdot K)]$ Range Formula	40°C 0,045 Tubolit AR Fonowave, Tubolit AR tape $[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$			
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				
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

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. Tape. Blue, low-density Polyethylene foam (PEF) with protective PE-coating and self-adhesive layer.

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

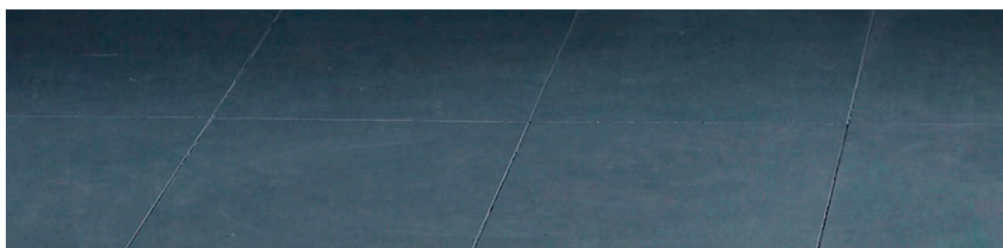
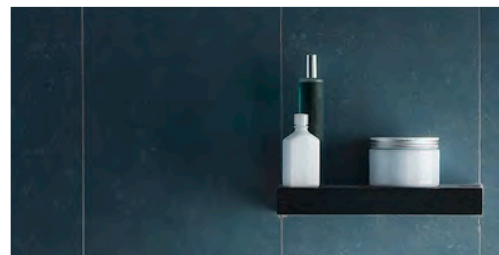


INSTALL IT. BENEFIT FROM
THE RANGE.

Tubolit Accessories

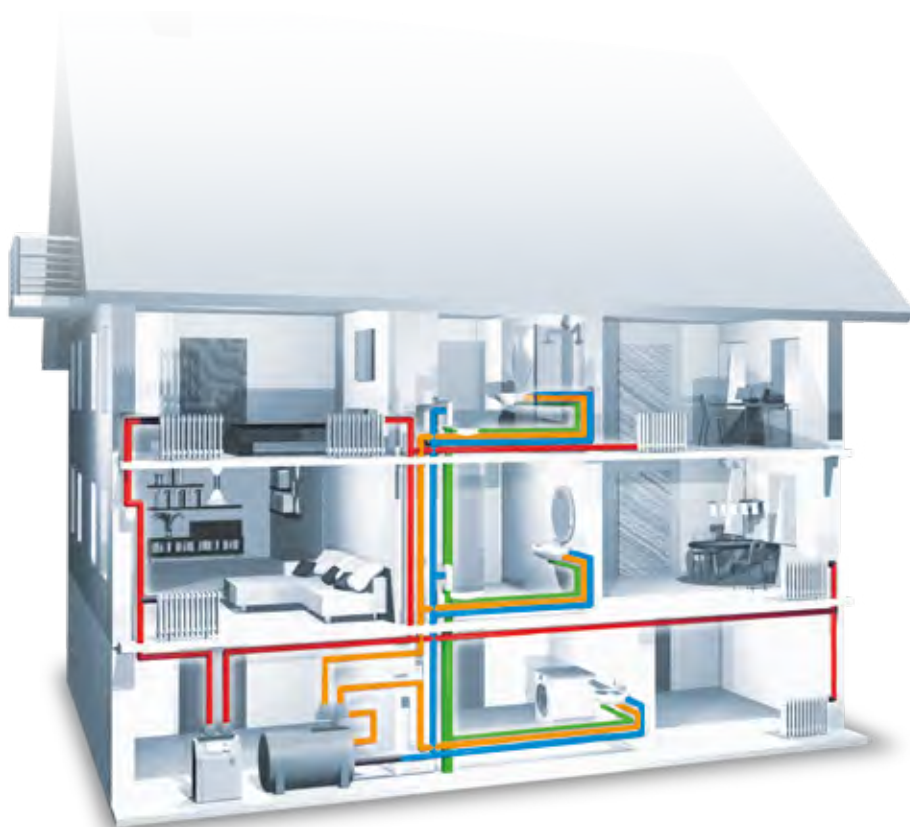
Professional accessories for the full
Tubolit product range

- // Various tapes available for every application
- // Moisture-resistant with / without self-adhesive
- // Different surface coverings available
- // Clips for fixation of Tubolit Tubes
- // Easy to install



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

TECHNICAL DATA - TUBOLIT ACCESSORIES

Brief description Accessories for installing Tubolit insulation: Tubolit clips, Tubolit bands and tapes

Property	Value / Assessment	Standard / Test method
Operating temperature		
Operating temperature	Maximum temperature: +85 °C Minimum temperature: As is usual in plumbing and heating installations	EN 14706, EN 14707, EN 14313
Fire Performance and Approvals		
Reaction to fire	Tubolit clips E class Tubolit DG Tape E class	EN ISO 11925-2, EN 13501-1
Health and environment		
Environmental aspects	Tubolit Clips and Tubolit tapes comply with REACH regulation	

Accessories Tubolit Clips

Item	Description	EAN	Content [quantity]
TL-CLIPS	Tubolit Clips for fixation/closure of Tubolit insulation pipes	7612207142129	25 bag