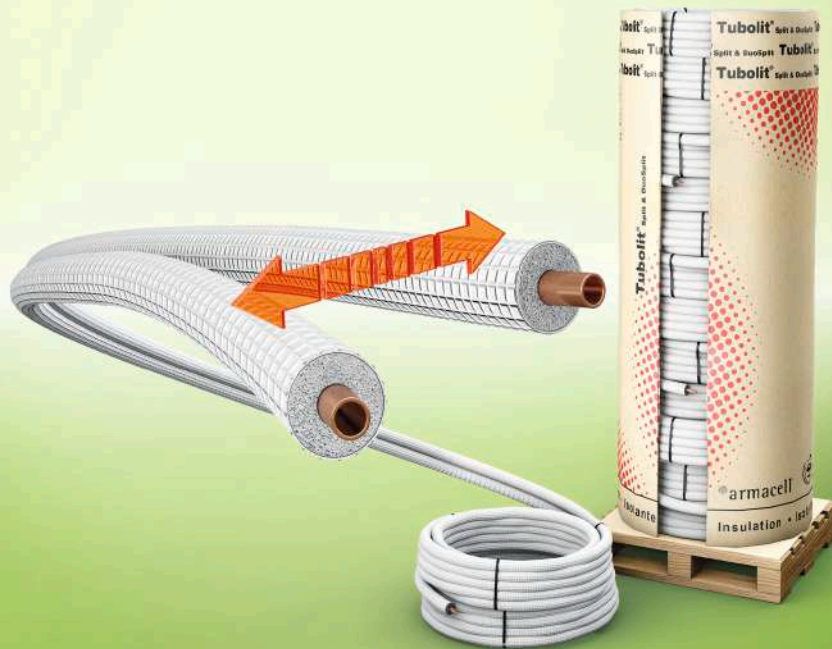


Tubolit®
Split & DuoSplit

THE PRE-INSULATED COPPER PIPES
FOR CONNECTING AIR-CONDITIONING
UNITS EASILY AND DURABLY

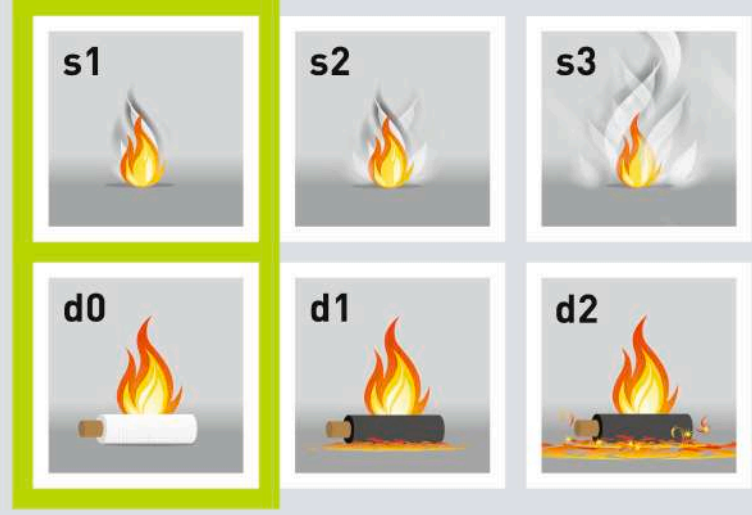


- UV-resistant coating
- Easy to split and join
- Complete range of matching accessories

Tubolit Split & DuoSplit

LOW SMOKE DENSITY

In the event of a fire it is vital that those trapped find escape routes quickly. This is only possible with minimal smoke development. Tubolit Split and Tubolit DuoSplit achieve class C_L-s1, d0 in the European fire test. In a fire the pipe insulation develops significantly less smoke than traditional PE products and has been proven to contribute to people's safety in buildings.



SUSTAINABLE SPACE-SAVING: THE NEW TOWERPACK

Sustainable packaging reduces the environmental impact and ecological footprint. The new, transport- and storage-friendly packaging takes up 40 % less space than traditional boxes. To ensure that the coils can be transported safely they are secured with straps and wrapped in a tough foil.

ACCESSORIES

We also offer a comprehensive range of accessories for installing air-conditioning systems.



Technical Data - Tubolit Split & DuoSplit

Brief description	Tubolit Split/DuoSplit is a reliable pre-insulated system solution to connect the indoor and outdoor units of split and multi-split air-conditioning systems. The system consists of copper pipe(s), insulation material, a UV-resistant facing and matching accessories.
Material type	Insulation: foam material based on polyethylene. Pipes: soft-annealed, seamlessly drawn refrigeration copper according to EN-12735-1. Facing: polyolefin-copolymer coating.
Colour	White
Material Special Information	Insulation material is original Tubolit closed-cell insulation.
Applications	Split and multi-split air-conditioning systems and cooling counters.
Special Features	Durable solution, resistant against mechanical strain and UV radiation. Suitable for refrigeration gases R-410A and R-407C.
Assembly	No special tools required. Matching accessories to facilitate assembly. Insulation should remain uncut along the complete applied length and glued to the pipe at both ends. It is recommended that the insulation tube ends are additionally protected with tape.
Remarks	Certificate of Conformity with EN 12735-1 for Tubolit Split & DuoSplit copper pipes available on request

Property	Value/Assessment	Test ¹	Super-vision ²	Special Remark																																																					
Temperature Range																																																									
Temperature Range	max. service temperature + 105 °C		○	Tested acc. to EN 14706, EN 14707 and EN 14304																																																					
	min. service temperature ¹ - 50 °C																																																								
Thermal Conductivity																																																									
Thermal Conductivity	ϑ_m 0 °C		○	Declared acc. to EN ISO 13787 Tested acc. to EN ISO 8497																																																					
	$\lambda \leq 0,036$ W/(m · K) $[36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2]/1000$																																																								
Water vapour diffusion resistance																																																									
Water vapour diffusion resistance	Only for non-slit insulation and coating: $\mu \geq 5.000$		○	Tested according to EN 13469																																																					
Fire performance																																																									
Reaction to fire	Euroclass C _L -s1,d0	EU 5871	○	Classified acc. to EN 13501-1 Tested according to EN 13823, EN ISO 11925-2																																																					
Other technical features																																																									
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2		○	Tested acc. to EN 13467																																																					
UV resistance	Very Good	TB 142, D 5795	○	T Tested according to EN ISO 4892-2 (Xenon-test)																																																					
Pipe size and pressure rating	<table border="0"> <tr> <td>1/4" x 0.7 mm</td> <td>136 bar</td> <td>6 x 0.8 mm</td> <td>169 bar</td> </tr> <tr> <td>1/4" x 0.8 mm</td> <td>159 bar</td> <td>6 x 1.0 mm</td> <td>220 bar</td> </tr> <tr> <td>1/4" x 1.0 mm</td> <td>206 bar</td> <td></td> <td></td> </tr> <tr> <td>3/8" x 0.7 mm</td> <td>87 bar</td> <td></td> <td></td> </tr> <tr> <td>3/8" x 0.8 mm</td> <td>101 bar</td> <td>10 x 0.8 mm</td> <td>96 bar</td> </tr> <tr> <td>3/8" x 1.0 mm</td> <td>129 bar</td> <td>10 x 1.0 mm</td> <td>122 bar</td> </tr> <tr> <td>1/2" x 0.7 mm</td> <td>64 bar</td> <td></td> <td></td> </tr> <tr> <td>1/2" x 0.8 mm</td> <td>74 bar</td> <td>12 x 0.8 mm</td> <td>79 bar</td> </tr> <tr> <td>1/2" x 1.0 mm</td> <td>94 bar</td> <td>12 x 1.0 mm</td> <td>100 bar</td> </tr> <tr> <td>5/8" x 0.8 mm</td> <td>58 bar</td> <td></td> <td></td> </tr> <tr> <td>5/8" x 1.0 mm</td> <td>74 bar</td> <td>16 x 1.0 mm</td> <td>73 bar</td> </tr> <tr> <td>3/4" x 1.0 mm</td> <td>61 bar</td> <td>18 x 1.0 mm</td> <td>65 bar</td> </tr> <tr> <td>7/8" x 1.0 mm</td> <td>52 bar</td> <td>22 x 1.0 mm</td> <td>52 bar</td> </tr> </table>	1/4" x 0.7 mm	136 bar	6 x 0.8 mm	169 bar	1/4" x 0.8 mm	159 bar	6 x 1.0 mm	220 bar	1/4" x 1.0 mm	206 bar			3/8" x 0.7 mm	87 bar			3/8" x 0.8 mm	101 bar	10 x 0.8 mm	96 bar	3/8" x 1.0 mm	129 bar	10 x 1.0 mm	122 bar	1/2" x 0.7 mm	64 bar			1/2" x 0.8 mm	74 bar	12 x 0.8 mm	79 bar	1/2" x 1.0 mm	94 bar	12 x 1.0 mm	100 bar	5/8" x 0.8 mm	58 bar			5/8" x 1.0 mm	74 bar	16 x 1.0 mm	73 bar	3/4" x 1.0 mm	61 bar	18 x 1.0 mm	65 bar	7/8" x 1.0 mm	52 bar	22 x 1.0 mm	52 bar				
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1. For temperatures below 0 °C please contact our Customer Service Centre to request for the corresponding technical information.

*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

*2 ●: Official supervision by independent institutes and /or test authorities
○: Own in-factory quality monitoring

Tubolit Split pipes pre-insulated endless (metric)



Color light grey, Two preinsulated copper pipes according to EN 12735, insulation material additionally covered with an embossed white polyolefin coating.

Code	Pipe diameter [mm]	Pipe wall thickness [mm]	Outer-Ø [mm] of insulation	Roll length [m]	Insulation thickness [mm]	Rolls/carton	m/carton
SMC-061/E25	6	1	24	25	9,0	2	50
SMC-101/E25	10	1	28	25	9,0	2	50
SMC-121/E25	12	1	30	25	9,0	2	50
SMC-161/E25	16	1	34	25	9,0	1	25
SMC-181/E25	18	1	36	25	9,0	1	25
SMC-221/E25	22	1	40	25	9,0	1	25

Remark Price line of the month is subject to change based on average LME (\$/t) and exchange rate (€/€) of the previous month.

Tubolit Split pipes pre-insulated endless (inch)



Code	Pipe diameter [inch]	Pipe diameter [mm]	Pipe wall thickness [mm]	Outer-Ø [mm] of insulation	Roll length [m]	Insulation thickness [mm]	Rolls/carton	m/carton
SZC-068/E25	1/4	6.35	0.8	24	25	9,0	2	50
SZC-068/E50	1/4	6.35	0.8	24	50	9,0	1	50
SZC-108/E25	3/8	9.52	0.8	28	25	9,0	2	50
SZC-108/E50	3/8	9.52	0.8	28	50	9,0	1	50
SZC-128/E25	1/2	12.7	0.8	30	25	9,0	2	50
SZC-128/E50	1/2	12.7	0.8	30	50	9,0	1	50
SZC-161/E25	5/8	15.875	1	34	25	9,0	1	25
SZC-168/E25	5/8	15.875	0.8	34	25	9,0	1	25
SZC-191/E25	3/4	19.05	1	37	25	9,0	1	25
SZC-221/E25	7/8	22.22	1	40	25	9,0	1	25

Remark Price line of the month is subject to change based on average LME (\$/t) and exchange rate (€/€) of the previous month.

Tubolit Split pipes pre-insulated endless (inch)



Color grey, Covering Color white

Code	Pipe diameter [inch]	Pipe diameter [mm]	Pipe wall thickness [mm]	Outer-Ø [mm] of insulation	Roll length [m]	Insulation thickness [mm/mm]	rolls/tower	m/tower
SZ-061/E50	1/4	6.35	1	24	50	9	16	800
SZ-067/E25	1/4	6.35	0.7	18	25	6	30	750
SZ-067/E50	1/4	6.35	0.7	18	50	6	26	1300
SZ-068/E25	1/4	6.35	0.8	24	25	9	30	750
SZ-068/E50	1/4	6.35	0.8	24	50	9	16	800
SZ-101/E50	3/8	9.52	1	28	50	9	13	650
SZ-107/E25	3/8	9.52	0.7	22	25	6	30	750
SZ-107/E50	3/8	9.52	0.7	22	50	6	23	1150
SZ-108/E25	3/8	9.52	0.8	28	25	9	26	650
SZ-108/E50	3/8	9.52	0.8	28	50	9	13	650
SZ-121/E50	1/2	12.7	1	30	50	9	12	600
SZ-127/E25	1/2	12.7	0.7	24	25	6	30	750
SZ-127/E50	1/2	12.7	0.7	24	50	6	18	900
SZ-128/E25	1/2	12.7	0.8	30	25	9	24	600
SZ-128/E50	1/2	12.7	0.8	30	50	9	12	600
SZ-161/E25	5/8	15.875	1	34	25	9	21	525
SZ-168/E25	5/8	15.875	0.8	34	25	9	21	525
SZ-191/E25	3/4	19.05	1	37	25	9	12	300
SZ-221/E25	7/8	22.22	1	40	25	9	11	275

Remark Price line of the month is subject to change based on average LME (\$/t) and exchange rate (€/€) of the previous month.

Tubolit DuoSplit pipes pre-insulated endless (metric)



Code	Pipe diameter [mm]	Pipe wall thickness [mm]	Outer-Ø [mm] of insulation	Roll length [m]	Insulation thickness [mm]	Rolls/carton	m/carton	€/m
DMC-06101/E25	6/10	1.0 / 1.0	24 / 28	25	9,0	1	25	
DMC-06121/E25	6/12	1.0 / 1.0	24 / 30	25	9,0	1	25	
DMC-06161/E25	6/16	1.0 / 1.0	24 / 34	25	9,0	1	25	
DMC-10161/E25	10/16	1.0 / 1.0	28 / 34	25	9,0	1	25	
DMC-10181/E25	10/18	1.0 / 1.0	28 / 36	25	9,0	1	25	

Remark Price line of the month is subject to change based on average LME (\$/t) and exchange rate (€/€) of the previous month.

Tubolit DuoSplit pipes pre-insulated endless (inch)



Color light grey, Two preinsulated copper pipes according to EN 12735, insulation material additionally covered with an embossed white polyolefin coating.

Code	Pipe diameter [inch]	Pipe diameter [mm]	Pipe wall thickness [mm]	Outer-Ø [mm] of insulation	Roll length [m]	Insulation thickness [mm]	Rolls/carton	m/carton	€/m
DZC-061088/E20	1/4 / 3/8	6.35 / 9.525	0.8 / 0.8	24 / 28	20	9,0	1	20	
DZC-061088/E25	1/4 / 3/8	6.35 / 9.525	0.8 / 0.8	24 / 28	25	9,0	1	25	
DZC-061288/E20	1/4 / 1/2	6.35 / 12.70	0.8 / 0.8	24 / 30	20	9,0	1	20	
DZC-061288/E25	1/4 / 1/2	6.35 / 12.70	0.8 / 0.8	24 / 30	25	9,0	1	25	
DZC-061681/E25	1/4 / 5/8	6.35 / 15.875	0.8 / 1.0	24 / 34	25	9,0	1	25	
DZC-061688/E20	1/4 / 5/8	6.35 / 15.875	0.8 / 0.8	24 / 34	20	9,0	1	20	
DZC-061688/E25	1/4 / 5/8	6.35 / 15.875	0.8 / 0.8	24 / 34	25	9,0	1	25	
DZC-101681/E25	3/8 / 5/8	9.52 / 15.875	0.8 / 1.0	28 / 34	25	9,0	1	25	
DZC-101688/E20	3/8 / 5/8	9.52 / 15.875	0.8 / 0.8	28 / 34	20	9,0	1	20	
DZC-101688/E25	3/8 / 5/8	9.52 / 15.875	0.8 / 0.8	28 / 34	25	9,0	1	25	
DZC-101981/E20	3/8 / 3/4	9.52 / 19.05	0.8 / 1.0	28 / 37	20	9,0	1	20	
DZC-101981/E25	3/8 / 3/4	9.52 / 19.05	0.8 / 1.0	28 / 37	25	9,0	1	25	

Remark Price line of the month is subject to change based on average LME (\$/t) and exchange rate (€/€) of the previous month.

Tubolit DuoSplit pipes pre-insulated endless (inch)



Color grey, Covering Color white

Code	Pipe diameter [inch]	Pipe diameter [mm]	Pipe wall thickness [mm]	Outer-Ø [mm] of insulation	Roll length [m]	Insulation thickness [mm/mm]	rolls/tower	m/tower	€/m
DZ-061077/E25	1/4 / 3/8	6.35 / 9.525	0.7 / 0.7	18 / 22	25	6.0 / 6.0	18	450	
DZ-061088/E20	1/4 / 3/8	6.35 / 9.525	0.8 / 0.8	24 / 28	20	9.0 / 9.0	14	280	
DZ-061088/E25	1/4 / 3/8	6.35 / 9.525	0.8 / 0.8	24 / 28	25	9.0 / 9.0	14	350	
DZ-061277/E25	1/4 / 1/2	6.35 / 12.70	0.7 / 0.7	18 / 24	25	6.0 / 6.0	18	450	
DZ-061288/E20	1/4 / 1/2	6.35 / 12.70	0.8 / 0.8	24 / 30	20	9.0 / 9.0	13	260	
DZ-061288/E25	1/4 / 1/2	6.35 / 12.70	0.8 / 0.8	24 / 30	25	9.0 / 9.0	13	325	
DZ-061688/E20	1/4 / 5/8	6.35 / 15.875	0.8 / 0.8	24 / 34	20	9.0 / 9.0	12	240	
DZ-061688/E25	1/4 / 5/8	6.35 / 15.875	0.8 / 0.8	24 / 34	25	9.0 / 9.0	9	225	
DZ-101678/E25	3/8 / 5/8	9.52 / 15.875	0.7 / 0.8	22 / 34	25	6.0 / 9.0	15	375	
DZ-101688/E20	3/8 / 5/8	9.52 / 15.875	0.8 / 0.8	28 / 34	20	9.0 / 9.0	11	220	
DZ-101688/E25	3/8 / 5/8	9.52 / 15.875	0.8 / 0.8	28 / 34	25	9.0 / 9.0	9	225	
DZ-101981/E20	3/8 / 3/4	9.52 / 19.05	0.8 / 1.0	28 / 37	20	9.0 / 9.0	10	200	
DZ-101981/E25	3/8 / 3/4	9.52 / 19.05	0.8 / 1.0	28 / 37	25	9.0 / 9.0	8	200	

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