



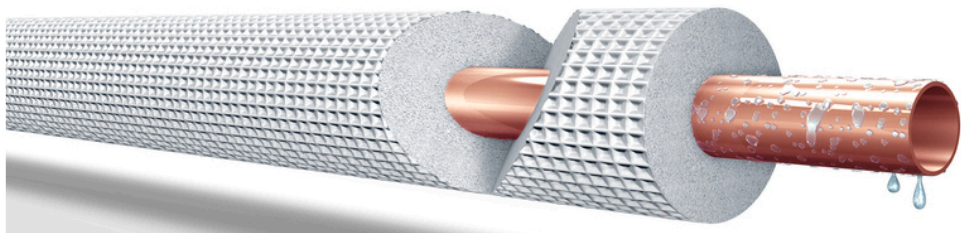
INSTALL IT. BENEFIT FROM  
THE RANGE.

# Tubolit Split

Pre-insulated copper pipes with  
polyethylene insulation

- // Excellent protection against energy losses and condensation
- // Euroclass B certified – B(L)-s1,d0
- // Suitable for most refrigerant gases
- // Patented join-split adhesive technology to easily split and join the pipes without any tool
- // Easy to connect - complete range with matching accessories

[www.armacell.eu](http://www.armacell.eu)



 **armacell**<sup>®</sup>  
ArmaLight<sup>™</sup>

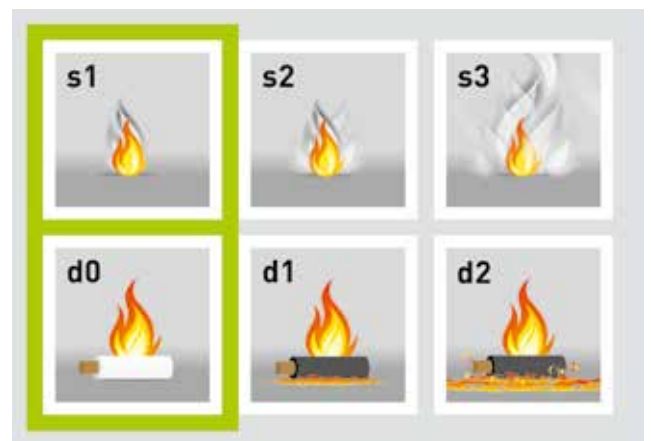
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# ArmaLight Tubolit Split and DuoSplit

## // 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. ArmaLight Tubolit Split and ArmaLight Tubolit DuoSplit achieve class B<sub>L</sub>-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 Towerpack

The 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

Brief description	Tubolit Split is a reliable pre-insulated system solution to connect the indoor and outdoor air conditioning, refrigeration units of split , multi-split and heat pumps systems. The system consists of copper pipe(s), insulation material, a UV-resistant facing and matching accessories.
Material type	Foam material based on polyethylene. Polyolefin-copolymer coating. Soft-annealed, seamlessly drawn refrigeration copper pipes according to EN 12735-1.
Additional material information	Insulation material is original Tubolit closed-cell insulation. Durable solution, resistant against mechanical strain and UV radiation. Suitable for refrigeration gases R-410A , R-407C and R32
Product colour range	White
Applications	Split and multi-split air-conditioning systems, heat pumps and cooling counters.
Installation	No special tools required. Matching accessories facilitate assembly. In case of contact adhesion press firmly together during the contact adhesion time. It is recommended that the insulation tube ends are additionally protected with tape. Insulation should remain uncut along the complete applied length and glued to the pipe at both ends.
Declaration of performance	Declaration of Performance in accordance with Article 7(3) of Regulation (EU) No 305/2011 is available at <a href="http://www.armacell.com/DoP">www.armacell.com/DoP</a> .
Remarks	Certificate of Conformity with in heating and plumbing installations available on request.

Property	Value / Assessment		Standard / Test method
Temperature range			
Service temperature	Min. °C <sup>1</sup>	Max. °C	EN 14706, EN 14707, EN 14313
	-50	100	
Thermal conductivity			
Declared thermal conductivity	Øm	0°C	EN ISO 13787, EN ISO 8497
	λd ≤ [W/(m·K)]	0.036	
	Range	Tubolit Split insulation tubes	
	Formula	[36 + 0,1· Øm + 0,0008 · Øm²]/1000	
Fire Performance and Approvals			
Reaction to fire	Tubolit Split insulation tube : B(L)-s1,d0		EN 13501-1, EN 13823, EN ISO 11925-2
Resistance to water vapour			
Water vapour diffusion resistance factor	μ ≥ 5000 (Only for slotted insulation and foils)		EN 13469
Physical attributes			
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2		EN 13467
Weather and UV resistance			
UV resistance	Very Good TB 142		EN ISO 4892-2
Other technical features			
Maximum operating pressure (bar)	1/4" x 0.7 mm 136 bar 1/4" x 0.8 mm 159 bar 6 x 0.8 mm 169 bar 1/4" x 1.0 mm 206 bar 6 x 1.0 mm 220 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		

<sup>1</sup>For use in temperatures below 0 °C, please contact our Customer Service Centre.

# 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**

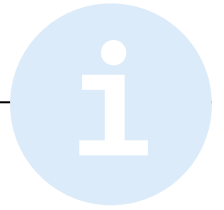
We aim to create open lines of communication with our customers. From on-site trainings and webinars by our Armacell technical experts advising on project planning and safety instructions to our local dedicated sales and customer services, your local Armacell dedicated team is working in partnership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





### 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

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As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 27 production plants in 19 countries, the company 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.



For more information, please visit:  
[www.armacell.com](http://www.armacell.com)