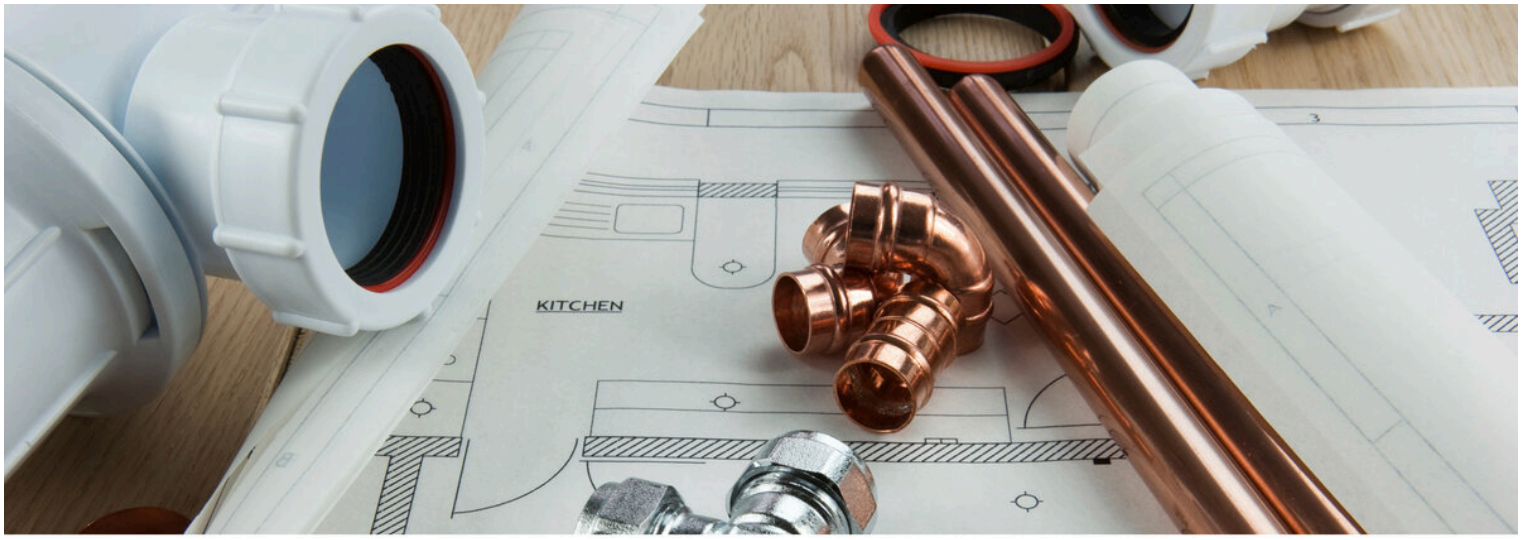
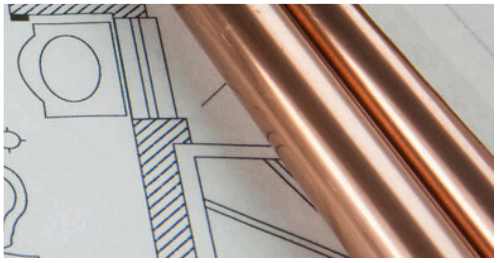



# INSTALL IT. BENEFIT FROM THE RANGE.



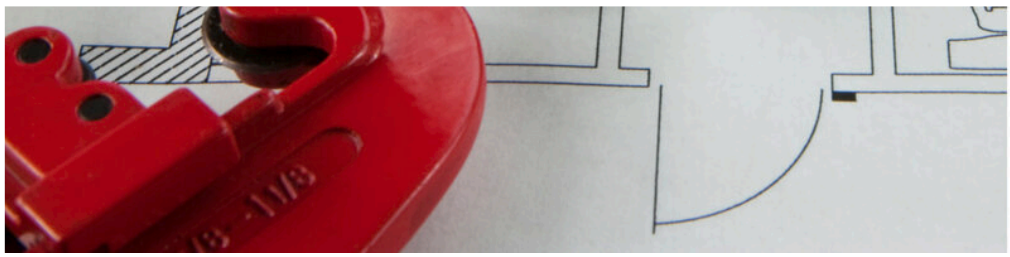
# Tubolit
## DG

The flexible PE insulation material to save energy and improve acoustic comfort for heating and plumbing

// Complete range for plumbers
// Self-seal products for fast installation
// Matching range for plastic pipe sizes
// Economic insulation

www.armacell.com

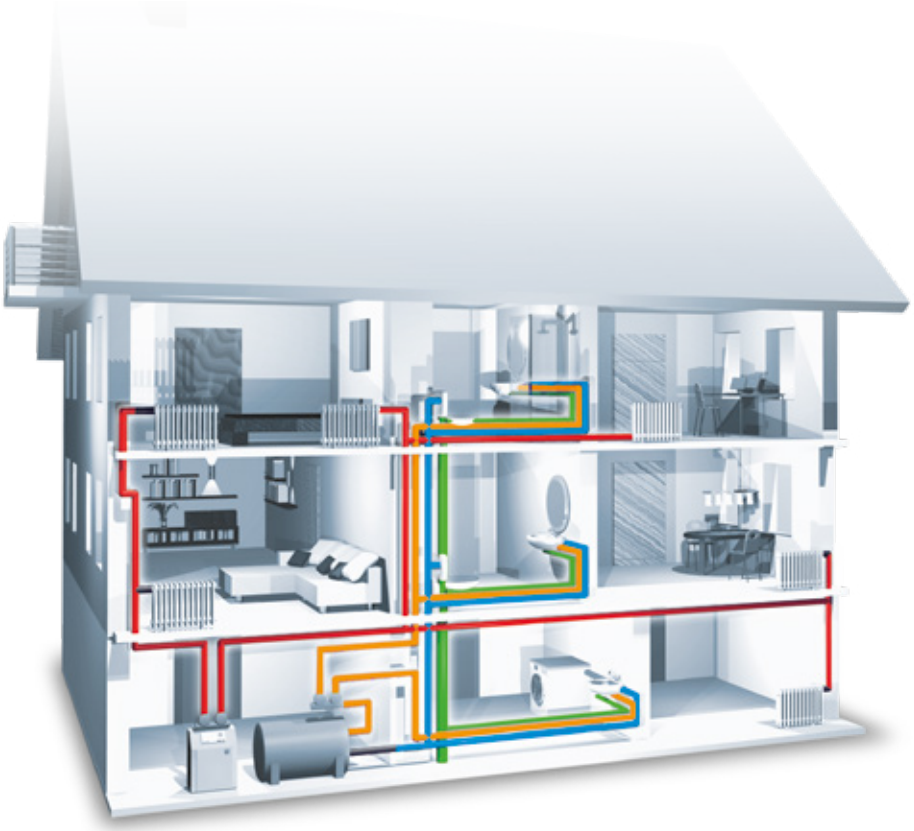




armacell®
ArmaLight™

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 DG

| | |
|---|---|
| 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. |
| Additional material information | Self-adhesive coating on tapes and self-seal coating on tubes: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure, covered with polyethylene foil. |
| Product colour range | Grey |
| 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). |
| Installation | Certified and compatible adhesive for a long-term performing system is ArmaFlex 520. Please refer to the relevant Armacell application manual for advice. For further information please contact our Customer Service Centre. |
| 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.<br>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,<br>+85 °C for tapes<br>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)] | 0,040 | |
| | Range | Tubolit DG tubes 5-30 mm | |
| | Formula | $\lambda(\vartheta)=[36 + 0,1\cdot \vartheta m + 0,0008 \cdot(\vartheta m-40)^2]/1000$ | |
| Declared thermal conductivity | ϴm | 40°C | EN ISO 13787, EN ISO 8497 |
| | λd ⩽ [W/(m·K)] | 0,045 | |
| | Range | Tubolit DG self-adhesive tape | |
| | 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 DG standard tubes 5-30 mm: E(L)<br>Tubolit DG self-adhesive tape: E | | EN 13501-1, EN ISO 11925 |
| **Physical attributes** | | | |
| Dimensions and tolerances | In accordance with EN 14313, table 1 and 2 | | EN 822, EN 823, EN 13467 |
| **Acoustic performance** | | | |
| Reduction of structure-borne sound transmission | Insulation effect ⩽ 30 dB(A) | | EN ISO 3822-1 |
| **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 | | |

| Property | Value / Assessment | Standard / Test method |
|---|---|---|
| Storage | Can be stored in dry, clean rooms at normal relative humidity (50% to70%) and ambient temperature (0 °C –35 °C). | |

Tube – self-seal. Grey. Length 2 meter.

| 9 mm | | | | | 13 mm | | | |
|---|---|---|---|---|---|---|---|---|
| Pipe Ø [mm] | Item | Make-To-Order | EAN | Content [metric] | Pipe Ø [mm] | Item | EAN | Content [metric] |
| 15 | **TL-15/9-DG-A** | * | 7612207399172 | 250 m | 15 | **TL-15/13-DG-A** | 7612207399134 | 180 m |
| 18 | **TL-18/9-DG-A** | * | 7612207399189 | 214 m | 18 | **TL-18/13-DG-A** | 7612207399196 | 148 m |
| 22 | **TL-22/9-DG-A** | | 7612207399233 | 178 m | 22 | **TL-22/13-DG-A** | 7612207399318 | 128 m |
| 28 | **TL-28/9-DG-A** | | 7612207399257 | 130 m | 28 | **TL-28/13-DG-A** | 7612207399851 | 98 m |
| 35 | **TL-35/9-DG-A** | | 7612207399271 | 96 m | 35 | **TL-35/13-DG-A** | 7612207491395 | 84 m |
| 42 | **TL-42/9-DG-A** | | 7612207143430 | 72 m | 42 | **TL-42/13-DG-A** | 7612207399158 | 60 m |
| 48 | **TL-48/9-DG-A** | * | 7612207399288 | 70 m | 48 | **TL-48/13-DG-A** | 7612207399165 | 52 m |
| 54 | **TL-54/9-DG-A** | * | 7612207399073 | 58 m | 54 | **TL-54/13-DG-A** | 7612207399219 | 50 m |
| 60 | **TL-60/9-DG-A** | * | 7612207399080 | 48 m | 60 | **TL-60/13-DG-A** | 7612207143737 | 38 m |

Tube – self-seal. Grey. Length 2 meter.

| 20 mm | | | | |
|---|---|---|---|---|
| Pipe Ø [mm] | Item | Make-To-Order | EAN | Content [metric] |
| 15 | **TL-15/20-DG-A** | * | 7612207398151 | 100 m |
| 18 | **TL-18/20-DG-A** | * | 7612207398168 | 88 m |
| 22 | **TL-22/20-DG-A** | | 7612207398175 | 80 m |
| 28 | **TL-28/20-DG-A** | | 7612207398182 | 68 m |
| 35 | **TL-35/20-DG-A** | | 7612207398199 | 50 m |
| 42 | **TL-42/20-DG-A** | | 7612207398212 | 44 m |
| 48 | **TL-48/20-DG-A** | * | 7612207398236 | 40 m |
| 54 | **TL-54/20-DG-A** | | 7612207143973 | 32 m |
| 60 | **TL-60/20-DG-A** | | 7612207144000 | 28 m |

Tube – standard. Grey. Length 2 meter.

| 9 mm | | | | 13 mm | | | | 20 mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pipe Ø [mm] | Item | EAN | Content [metric] | Pipe Ø [mm] | Item | EAN | Content [metric] | Pipe Ø [mm] | Item | EAN | Content [metric] |
| 15 | **TL-15/9-DG** | 7612207388718 | 262 m | 15 | **TL-15/13-DG** | 7612207388619 | 192 m | 15 | **TL-15/20-DG** | 7612207388756 | 100 m |
| 18 | **TL-18/9-DG** | 7612207388725 | 230 m | 18 | **TL-18/13-DG** | 7612207388626 | 156 m | 18 | **TL-18/20-DG** | 7612207388664 | 88 m |
| 20 | **TL-20/9-DG** | 7612207399226 | 212 m | 20 | **TL-20/13-DG** | 7612207399301 | 140 m | 22 | **TL-22/20-DG** | 7612207388671 | 80 m |
| 22 | **TL-22/9-DG** | 7612207388633 | 182 m | 22 | **TL-22/13-DG** | 7612207468762 | 128 m | 28 | **TL-28/20-DG** | 7612207388688 | 68 m |
| 25 | **TL-25/9-DG** | 7612207194135 | 138 m | 25 | **TL-25/13-DG** | 7612207491364 | 118 m | 35 | **TL-35/20-DG** | 7612207388763 | 50 m |
| 28 | **TL-28/9-DG** | 7612207388565 | 136 m | 28 | **TL-28/13-DG** | 7612207388657 | 108 m | 42 | **TL-42/20-DG** | 7612207398205 | 44 m |
| 32 | **TL-32/9-DG** | 7612207399264 | 122 m | 32 | **TL-32/13-DG** | 7612207399103 | 90 m | 48 | **TL-48/20-DG** | 7612207398229 | 40 m |
| 35 | **TL-35/9-DG** | 7612207388572 | 102 m | 35 | **TL-35/13-DG** | 7612207491371 | 84 m | 54 | **TL-54/20-DG** | 7612207143966 | 32 m |
| 40 | **TL-40/9-DG** | 7612207194159 | 82 m | 40 | **TL-40/13-DG** | 7612207399141 | 70 m | 60 | **TL-60/20-DG** | 7612207143997 | 28 m |
| 42 | **TL-42/9-DG** | 7612207143409 | 72 m | 42 | **TL-42/13-DG** | 7612207388541 | 60 m | 64 | **TL-64/20-DG** | 7612207388695 | 26 m |
| 48 | **TL-48/9-DG** | 7612207388732 | 70 m | 48 | **TL-48/13-DG** | 7612207491456 | 56 m | 76 | **TL-76/20-DG** | 7612207398274 | 20 m |
| 50 | **TL-50/9-DG** | 7612207399295 | 66 m | 50 | **TL-50/13-DG** | 7612207491388 | 52 m | 89 | **TL-89/20-DG** | 7612207398281 | 18 m |
| 54 | **TL-54/9-DG** | 7612207388589 | 60 m | 54 | **TL-54/13-DG** | 7612207491340 | 46 m | 110 | **TL-110/20-DG** | 7612207398328 | 12 m |
| 60 | **TL-60/9-DG** | 7612207388602 | 52 m | 60 | **TL-60/13-DG** | 7612207143720 | 38 m | 114 | **TL-114/20-DG** | 7612207398366 | 12 m |
| 64 | **TL-64/9-DG** | 7612207399097 | 50 m | 64 | **TL-64/13-DG** | 7612207194227 | 32 m | - | - | - | - |

Tube – standard. Grey. Length 2 meter.

| 9 mm | | | | 13 mm | | | | 20 mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pipe Ø [mm] | Item | EAN | Content [metric] | Pipe Ø [mm] | Item | EAN | Content [metric] | Pipe Ø [mm] | Item | EAN | Content [metric] |
| 76 | **TL-76/9-DG** | 7612207143522 | 32 m | 76 | **TL-76/13-DG** | 7612207399240 | 26 m | - | - | - | - |
| 89 | **TL-89/9-DG** | 7612207143539 | 22 m | 89 | **TL-89/13-DG** | 7612207399325 | 22 m | - | - | - | - |
| - | - | - | - | 110 | **TL-110/13-DG** | 7612207398144 | 16 m | - | - | - | - |
| - | - | - | - | 114 | **TL-114/13-DG** | 7612207143775 | 12 m | - | - | - | - |
| - | - | - | - | 125 | **TL-125/13-DG** | 7612207143782 | 12 m | - | - | - | - |

Tube – standard. Grey. Length 2 meter.

| 25 mm | | | | 30 mm | | | | |
|---|---|---|---|---|---|---|---|---|
| Pipe Ø [mm] | Item | EAN | Content [metric] | Pipe Ø [mm] | Item | Make-To-Order | EAN | Content [metric] |
| 54 | **TL-54/25-DG** | 7612207205060 | 24 m | 18 | **TL-18/30-DG** | * | 7612207398250 | 56 m |
| - | - | - | - | 22 | **TL-22/30-DG** | | 7612207144079 | 46 m |
| - | - | - | - | 28 | **TL-28/30-DG** | | 7612207398267 | 40 m |
| - | - | - | - | 35 | **TL-35/30-DG** | | 7612207398298 | 34 m |
| - | - | - | - | 42 | **TL-42/30-DG** | | 7612207398304 | 26 m |
| - | - | - | - | 48 | **TL-48/30-DG** | | 7612207144123 | 22 m |
| - | - | - | - | 54 | **TL-54/30-DG** | | 7612207144130 | 22 m |
| - | - | - | - | 60 | **TL-60/30-DG** | | 7612207199321 | 18 m |
| - | - | - | - | 64 | **TL-64/30-DG** | | 7612207388770 | 18 m |
| - | - | - | - | 76 | **TL-76/30-DG** | | 7612207398335 | 16 m |
| - | - | - | - | 89 | **TL-89/30-DG** | | 7612207205107 | 10 m |
| - | - | - | - | 114 | **TL-114/30-DG** | | 7612207205114 | 8 m |

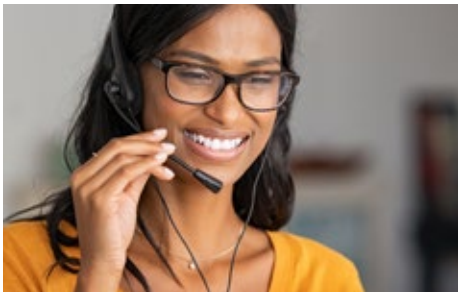
Accessories

| Item | Description | Content [quantity] |
|---|---|---|
| TL-CLIPS | Tubolit Clips for fixation/closure of Tubolit insulation pipes. 100pcs per bag. | 25 Bag |
| TLT-TAPE/50-DG | Tubolit DG PE tape 50 mm x 10 m. Grey colour. | 12 roll(s) |
| D-TAPE 50MX48MM GY | Tubolit duct tape 48mm x 0.17 mm x 50 m. Grey colour. | 24 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.

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. This document does not constitute nor is part of a legal offer to sell or to contract.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our Data Protection Policy.

© Armacell, 2026. All rights reserved. Trademarks followed by ® or ™ are trademarks of the Armacell Group.

ArmaLight | Tubolit DG | Brochure | 082026 | en-RO

# 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.

armacell®
ArmaLight™

For more information, please visit:
**www.armacell.com**