



U TECH Pipe Section MT 4.0

Industrial insulation for pipes

ULTIMATE mineral wool provides a unique high-performance profile: It combines safety, comfort and ease of handling.

THERMAL INSULATION

Premium thermal insulation and soundproofing for temperatures up to 660°C.

LIGHTWEIGHT

Lightweight solutions saving up to 50% weight compared with traditional pipe insulation.

FAST INSTALLATION

The light weight and the 1.2 length allow for fast, easy and efficient installation.

FIRE REACTION

Effective protection from fire in accordance with A1_L Euroclasses, non-combustible and in accordance with the IMO.

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

4.

3. standard

2. classic plus

1. classic

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| CHARACTERISTIC | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES | | | | | | | STANDARD |
|----------------------|-----------|-----------|--------------------------------|-------|-------|-------|-------|-------|-------|----------|
| Thermal conductivity | T | [°C] | 40 | 50 | 100 | 150 | 200 | 250 | 300 | EN 8947 |
| | λ | [W/(m•K)] | 0.035 | 0.037 | 0.043 | 0.052 | 0.062 | 0.074 | 0.089 | |

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|---------------------------|----------------|----------|---|---|
| Approximate specific heat | C _p | J/(Kg.K) | 1000 | - |
| Thermal behaviour | T | °C | T _{max} = 660°C under 500 Pa. The glue begins to evaporate from 150°C. | EN 14706 |
| Fire behaviour | - | - | Non-combustible Euroclass A ₁ Non-combustible in accordance with IMO-Resolution MSC.61(67). Approved for naval construction in accordance with CE Type Examination Certificate No.: 114.529. Fusion point ≥ 1000°C. | EN 13501 |
| Chemical behaviour | - | - | AS-Quality. Leachable chloride content less than 10 ppm (CL10). Do not contribute to corrosion of stainless steel. No short-term water absorption by partial immersion (WS1). | AGI Q132 EN 13468 ASTM C795 EN 13472 |
| Application field | - | - | Products for use in technical applications, for simple, time-saving insulation on all types of pipes, particularly for for industrial and hot water pipes. | EN 14303 |
| Material | - | - | RAL mark Mineral Wool by Gütegemeinschaft. Mineral wool that is non-hazardous to health in accordance with the German decree for hazardous substances, the decree to prohibit chemical substances and in accordance with EU97/69 Note Q. | CINI 2.1.05 |
| Miscellaneous | - | - | Identity number for the insulation material: 10.04.03.66.99. Environmental certificate registration number 6v099 for both, with and without facing. CE mark designation code: MW-EN14303-T8-ST(+)-660-WS1-CL10 (outside pipe diameter ≤ 150 mm) MW-EN14303-T9-ST(+)-660-WS1-CL10 (outside pipe diameter > 150 mm) | AGI Q 132 EN 14303 |
| Quality management | - | - | Insulation material for HVAC and industrial systems in accordance with AGI Q 132, CE mark in accordance with EN 14303. Quality control mark in accordance with UD12055, ISOVER has been certified in accordance with ISO 9001. | EN ISO 9001 EN ISO 14001 |
| Delivery form | - | - | Please contact your local ISOVER dealer. All dimensions require minimum order quantities. | - |



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