



TECH Roll 3.0

Light and efficient glass mineral wool rolls

TECH Roll 3.0 is the flexible and lightweight solution for efficient thermal and acoustic insulation of various industry insulation equipment such as tanks and vessels, exhaust ducts and stacks.

TECH Roll 3.0 can be used for service temperatures up to 300°C.



COST EFFECTIVE SOLUTION

Thermal performance combined with lightweight provides installation time saving and less heat loss costs



THERMAL INSULATION

Thermal insulation performance for service temperatures up to 300°C



SOUND ABSORPTION

Up to 95% of sound energy absorbed due to optimal longitudinal air flow resistance and uniform porosity values



FIRE REACTION

Non-combustible, Euroclass A1 for effective fire protection on industry sites



FAST INSTALLATION

Flexibility, lightweight and compressibility helps to handle and install the product easier and faster



IMPROVED LOGISTICS

Transport and storage savings with up to 80% more material per pallet than standard solutions



| CHARACTERISTIC | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES | | | | | | STANDARD |
|----------------------|-----------|-----------|--|-------|-------|-------|-------|-------|--------------------------|
| Thermal conductivity | T | [°C] | 50 | 100 | 150 | 200 | 250 | 300 | EN 12667 EN ISO 13787 |
| | λ | [W/(m·K)] | 0.038 | 0.047 | 0.058 | 0.070 | 0.085 | 0.102 | |
| Thermal behaviour | T | [°C] | Maximum service temperature 300 (under 250 Pa) | | | | | | EN 14706 |

| CHARACTERISTIC | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES | | | | | | STANDARD |
|---------------------------|--------|-------------------|--|--|--|--|--|--|---|
| Specific thermal capacity | c | kJ/(kg·K) | 1.03 | | | | | | ISO 10456 |
| Reaction to fire | - | - | Non combustible; Euroclass A1 | | | | | | EN 13501-1 |
| Water behaviour | WS | kg/m ² | No short term water absorption by partial immersion (WS1 ≤ 1 kg/m ²) | | | | | | EN ISO 29767 |
| Chemical behaviour | - | - | Do not contribute to corrosion of stainless steel | | | | | | ASTM C795/871 |
| Application field | - | - | Product for use in technical applications, such as tanks and vessels, exhaust ducts and stacks, with need for: thermal and/or acoustic insulation performances especially at medium temperatures | | | | | | EN 14303 |
| Material | - | - | Light and efficient glass mineral wool roll for industry applications. With quality marks EUCEB and RAL by the Gütegemeinschaft Mineralwolle e. V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to regulation EC No 1272/2008 Note Q | | | | | | CINI 2.1.02 |
| Miscellaneous | - | - | Designation code : MW-EN 14303-T2-ST(+/250)300-WS1 | | | | | | EN 14303 |
| Quality management | - | - | CE-marked according to EN 14303 ISOVER is certified according to EN ISO 9001 and EN ISO 14001 | | | | | | EN 14303 EN ISO 9001 EN ISO 14001 |

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*

| THICKNESS D [MM] | WIDTH B [MM] | LENGTH [MM] | M ² /PACK | M ² /PALLET | ROLLS/PACK | PACKS/PALLET |
|------------------|--------------|-------------|----------------------|------------------------|------------|--------------|
| 30 | 1,200 | 17,500 | 21.00 | 252.00 | 1 | 12 |
| 40 | 1,200 | 13,000 | 15.60 | 187.20 | 1 | 12 |
| 50 | 1,200 | 11,000 | 13.20 | 158.40 | 1 | 12 |
| 60 | 1,200 | 10,000 | 10.00 | 144.00 | 1 | 12 |

* All dimensions require minimum order quantities / other dimensions on request.



www.isover-technical-insulation.com

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

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