



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



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

THERMAL INSULATION



Standard 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

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

1. classic

3.



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.



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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.

SAINT-GOBAIN ISOVER · Tour Saint-Gobain 12 place de l'Iris 92096 La Défense cedex - France