

TECH Pipe Section MT 4.0

Preformed, concentric-rolled glass mineral wool pipe sections

TECH Pipe Section MT 4.0 is the preformed concentric-rolled glass mineral wool pipe section for the insulation of industry process pipelines for diameters from 12.7 mm to 254 mm (1/2" to 10"), exhaust ducts and stacks. Pre-slit to facilitate the opening and fitting over the pipes, TECH Pipe Section MT 4.0 are light and easy to handle. With a length of 1.2 m, installation time on straight pipes and thermal bridges can be reduced by 20%.

TECH Pipe Section MT 4.0 can be used for service temperatures of up to 400°C.

THERMAL INSULATION



Standard-Plus thermal insulation performance for service temperatures up to 400°C

EASY HANDLING



Especially packaged in bags for easy handling

COST EFFECTIVE SOLUTION



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

FIRE REACTION



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

FAST INSTALLATION



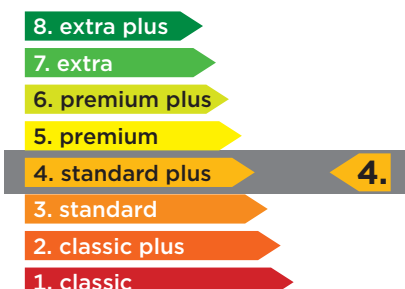
Up to 20% faster to install than standard stone wool pipe insulation due to lightweight, favourable 1,2 m length and easy handling.

LIGHTWEIGHT



Lightweight solution with up to 50% weight savings compared to standard insulation solutions

Thermal Efficiency Indicator





CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	250	300	ISO 8497 EN ISO 13787
	λ	[W/(m·K)]	0.037	0.045	0.053	0.065	0.080	0.095	
Thermal behaviour	T	[°C]	Maximum service temperature 400 (under 500 Pa)						EN 14707

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 A ₁ Fire Spread Index = 0; Smoke Development Index < 20						EN 13501-1 ASTM E84
Water behaviour	WS	kg/m ²	No short term water absorption by partial immersion (WS1 ≤ 1 kg/m ²)						EN 13472
Chemical behaviour	-	-	Leachable chloride content less than 10 ppm (CL10) Do not contribute to corrosion of stainless steel						EN 13468 ASTM C795/871
Application field	-	-	Product for use in technical applications, such as small diameter pipes, exhaust ducts and stacks, with need for: thermal and/or acoustic insulation performances especially at medium temperatures						EN 14303
Material	-	-	Glass mineral wool, preformed concentric-rolled in shape of pipe section. With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q						CINI 2.1.03
Miscellaneous	-	-	Designation code: MW-EN 14303-T8/T9-ST(+)400-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]	DIAMETER Ø [MM]											
	21	27	34	42	48	60	76	89	114	140	169	219
30	44.4	38.4	38.4	27.6	25.2	21.6	15.6	13.2	9.6	7.2	6.0	3.6
40	30.0	26.4	22.8	20.4	18.0	15.6	12.0	10.8	8.4	6.0	4.8	3.6
50	44.40		16.8	14.4	13.2	12.0	9.6	8.4	7.2	4.8	4.8	3.6
60	44.40								6.0	4.8	3.6	2.4

* The information refers to linear meters / pack.
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.

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