



TECH Pipe Section MT 4.2

Preformed, concentric-rolled glass mineral wool pipe sections

TECH Pipe Section MT 4.2 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 4.2 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 4.2 can be used for service temperatures of up to 500°C.

THERMAL INSULATION



Standard-Plus thermal insulation performance for service temperatures up to 500 °C

FAST INSTALLATION



Up to 20 % faster to install than standard stone wool pipe insulation due to lightweight, 1.2 m length and easy handling

COST EFFECTIVE SOLUTION



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

LIGHTWEIGHT



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

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

1. classic

4.

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Thermal conductivity	T	[°C]	10	50	100	200	300	400	ISO 8497 EN ISO 13787
	λ	[W/(m·K)]	0.033	0.036	0.043	0.062	0.092	0.130	
Thermal behaviour	T	[°C]	Maximum service temperatura 500 (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	-	-	Euroclass A2 _L -s1,d0						EN 13501-1
Chemical behaviour	-	-	Do not contribute to corrosion of stainless steel						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, unriskey regarding health according to regulation EC No 1272/2008 Note Q						CINI 2.1.03
Miscellaneous	-	-	Designation code: MW-EN 14303-T8/T9-ST(+)-500						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]													
	15	18	22	28	35	42	48	54	60	64	70	76	83	89
20	42.0	36.0	33.6	36.0	30.0	24.0	21.6	19.2	15.6	24.0	12.0	18.0	10.8	10.8
30	30.0	30.0	24.0	21.6	19.2	15.6	14.4	12.0	10.8	10.8	10.8	14.4	7.2	9.6
40	19.2	19.2	15.6	14.4	12.0	10.8	10.8	8.4	7.2	7.2	9.6	9.6	4.8	4.8
50	12.0	10.8	10.8	10.8	8.4	7.2	9.6	9.6	6.0	4.8	4.8	4.8	4.8	4.8
60	8.4	7.2	7.2	9.6	9.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80				4.8	4.8	4.8	4.8	4.8	3.6	3.6	3.6	3.6	3.6	3.6
100						3.6	3.6	3.6	3.6	2.4	2.4	2.4	2.4	2.4
120								2.4	2.4	1.2	1.2	1.2	1.2	1.2

* The information refers to linear meters / pack.
All dimensions require minimum order quantities / other dimensions on request.



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