

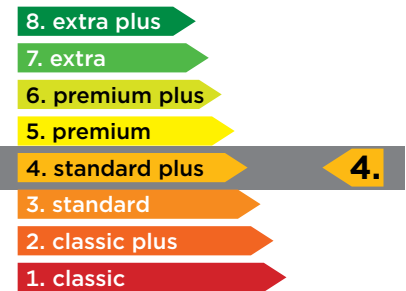
Preformed, concentric-rolled glass mineral wool pipe sections



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 Efficiency Indicator



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



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 _s -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, unrisky regarding health according to regulation EC No 1272/2008 Note Q						CINI 21.03
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	102	108	114	133	140	159	168	194	219	273
100						3.6	3.6	3.6	3.6	2.4	2.4	2.4	2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
120								2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
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	4.8	4.8	4.8	4.8	4.8	3.6	3.6	3.6	2.4	1.2
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	4.8	4.8	4.8	4.8	3.6	3.6	3.6	2.4	2.4	1.2
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	4.8	4.8	4.8	3.6	3.6	3.6	2.4	2.4	1.2	1.2
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	3.6	3.6	3.6	3.6	3.6	2.4	2.4	1.2	1.2	1.2
80				4.8	4.8	4.8	4.8	4.8	3.6	3.6	3.6	3.6	3.6	3.6	2.4	2.4	2.4	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.



www.isover-technical-insulation.com

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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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