



TECH Wired Mat MT 4.2 X/X-X

Standard-Plus performance flexible stone mineral wool wired mats

TECH Wired Mat MT 4.2 is the standard-weight stone mineral wool mat stitched with galvanized wire on hexagonal galvanized wire mesh for flexible installation on uneven structures such as big diameter pipes, tanks and vessels, boilers, exhaust ducts and stacks with a maximum service temperature of up to 600 °C.

THERMAL INSULATION



Standard-Plus thermal insulation performance for service temperatures up to 600°C

HIGH SERVICE TEMPERATURES



Especially designed for high service temperatures up to 600°C

SOUND INSULATION



The ability of mineral wool to act as a spring results in reducing vibration and noise emissions in industrial processes

FIRE REACTION



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

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

4.

3. standard

2. classic plus

1. classic

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Thermal conductivity	T	[°C]	50	200	300	400	500	600	EN 12667 EN ISO 13787 ASTM C177
	λ	[W/(m·K)]	0.041	0.065	0.090	0.124	0.167	0.217	
Thermal behaviour	T	[°C]	Maximum service temperature 600 (under 500 Pa) Maximum service temperature 700						EN 14706 ASTM C411

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 Fire Spread Index = 0; Smoke Development Index < 20						EN 13501-1 ASTM E84
Water vapour resistance	-	-	No short term water absorption by partial immersion ($WS1 \leq 1 \text{ kg/m}^2$)						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 big diameter pipes, tanks and vessels, boilers, exhaust ducts and stacks						EN 14303
Material	-	-	Stone mineral wool, stitched on metallic mesh with either galvanized or austenitic stainless steel wire With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q						CINI 2.2.02
Miscellaneous	-	-	Designation code : MW-EN 14303-T2-ST(+)-600-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]	LENGTH [MM]	WIDTH B [MM]	M ² /PACK	M ² /PALLET	M ² /TRUCK
100	3,000	1,000	3.00	45.00	1170.00
120	2,500	1,000	2.50	37.50	975.00
40	6,000	1,000	6.00	90.00	2340.00
50	5,000	1,000	5.00	75.00	1950.00
70	4,500	1,000	4.50	67.50	1755.00
80	3,000	1,000	3.00	45.00	1170.00

* 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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