



Premium-Plus performance heavy-duty industry stone mineral wool wired mats for medium-high temperatures

TECH Wired Mat MT 6.1 is the premium-plus thermal performance stone mineral wool mat stitched with galvanized wire on hexagonal galvanized wire mesh for flexible installation on uneven high-temperature structures such as big diameter pipes, tanks and vessels, boilers, exhaust ducts and stacks with a maximum service temperature of up to 680 °C.

ENERGY EFFICIENCY



Premium-Plus thermal insulation performance at medium to higher service temperatures up to 680 °C



HIGH SERVICE TEMPERATURES

Especially designed for high service temperatures up to 680 °C





Personal protection and heat loss requirements achieved with up to 35 % less insulation thickness than standard solutions



FIRE REACTION

THIN SOLUTION

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





Its Premium-Plus thermal performance allows to reduce significantly energy loses, the use of natural resources and CO₂ emissions

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

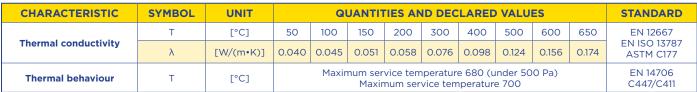
5. premium

4. standard plus 3. standard

classic plus

1. classic





CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Specific thermal capacity	С	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 behaviour	WS	kg/m²	No short term water absorption by partial immersion (WS1 \leq 1 kg/m2)	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 galva- nized 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(+)680-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			
40	5,000	1,000	5.00	75.00	1950.00			
50	4,000	1,000	4.00	60.00	1560.00			
60	3,500	1,000	3.50	52.50	1365.00			
70	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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^{**} Under a load of 1,000 Pa.