



TECH Wired Mat HT 6.1

Premium-Plus performance robust industry stone mineral wool wired mats for high temperatures

TECH Wired Mat HT 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 structures such as big diameter pipes, tanks and vessels, boilers, exhaust ducts and stacks with a maximum service temperature of up to 700 °C.

TECH Wired Mat HT 6.1 is available on AS Quality (CL- ≤ 10 ppm).

ENERGY EFFICIENCY



Premium-Plus thermal insulation performance at medium to higher service temperatures up to 700 °C

HIGH SERVICE TEMPERATURES



Especially designed for high service temperatures up to 700 °C

FIRE REACTION



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

ENVIRONMENTAL PROTECTION



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

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

6.

5. premium

4. standard plus

3. standard

2. classic plus

1. classic

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES								STANDARD
Thermal conductivity	T	[°C]	50	100	200	300	400	500	600	650	EN 12667 EN ISO 13787
	λ	[W/(m•K)]	0.040	0.045	0.058	0.076	0.098	0.124	0.161	0.184	
Thermal behaviour	T	[°C]	Maximum service temperature 700 (under 500 Pa) Maximum service temperature 700								EN 14706 C447/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 behaviour	WS	kg/m²	No short term water absorption by partial immersion (WS1 ≤ 1 kg/m²)								EN ISO 29767
Chemical behaviour	-	-	AS-quality (Leachable Chloride ≤10ppm) Leachable chloride content less than 10 ppm (CL10) Do not contribute to corrosion of stainless steel								AGI Q 132 EN 13468 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(+)700-WS1-CI 10								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	-	-	Please contact your local ISOVER dealer All dimensions require minimum order quantities								-



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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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