



TECH Wired Mat MT 3.1

Insulation and lagging of large diameter pipes and industrial equipment

Stone wool wired mat which on one side features a galvanised steel woven mesh and thread. Stainless steel woven mesh and thread available on request. Thermal and acoustic insulation for the industry.

Heat insulation for large diameter pipes, tanks, furnaces, chimneys, boilers and other industrial equipment.

THERMAL INSULATION.



Standard thermal insulation performance for service temperatures up to 560°C.

HIGH SERVICE TEMPERATURES.



Especially designed for high service temperatures up to 560°C.

FAST INSTALLATION.



Flexibility, lightweight and compressibility helps to handle and install the product easier and faster.

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

3. standard

2. classic plus

1. classic

3.

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES								STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	300	400	500	550	EN 12667
	λ	[W/(m•K)]	0.040	0.047	0.057	0.067	0.094	0.130	0.173	0.200	

CHARACTERISTIC	SYM-BOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Short term water absorption	WS	kg/m²	< 1	EN 1609
Resistance to the diffusion of water steam of mineral wool, μ	MU	-	1	EN 14303
Dimensional stability, Δε	-	%	<1	EN 1604
Operating temperature range	-	°C	560	-
Characteristics	-	-	This product's reaction to fire and its thermal resistance does not vary over time nor when it is subjected to the stated maximum temperature.	-
Steel corrosion	-	-	Non-corrosive.	ASTM C-795 C-871

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION						
Thickness d (mm)	Length l (m)	Width b (m)	m²/pack	m²/pallet	m²/truck	Designation code
50	5.00	1.00	5.00	75.00	1950	MW-EN 14303-T2-ST(+)-560-WS1
60	5.00	1.00	5.00	75.00	1950	MW-EN 14303-T2-ST(+)-560-WS1
70	4.00	1.00	4.00	60.00	1560	MW-EN 14303-T2-ST(+)-560-WS1
80	3.50	1.00	3.50	52.50	1365	MW-EN 14303-T2-ST(+)-560-WS1
100	3.00	1.00	3.00	45.00	1170	MW-EN 14303-T2-ST(+)-560-WS1



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SAINT-GOBAIN ISOVER IBÉRICA, S.L. • C/ Príncipe de Vergara, 132 • 28002 Madrid • Spain

