



TECH Pipe Section MT 4.0

Industrial Insulation for Pipes

Moulded concentric cylindrical glasswool elements. Pre-slit to facilitate opening and fitting over the pipes. Light and long insulations sleeves that facilitate handling and improve performance. Product used for technical applications, especially for Thermal Insulation in: • Central heating pipes. • Industrial pipes up to 400°C.

Dimensions

Interior diameter of the insulation sleeve		Thickness (mm)	Length (m)
Inches	mm		
1/2 ⁽¹⁾	21	30 & 40	1,2
3/4 ⁽¹⁾	27		
1 ⁽¹⁾	34		
1 1/4 ⁽¹⁾	42		
1 1/2 ⁽¹⁾	48		
2 ⁽¹⁾	60	30, 40 & 50	
2 1/2 ⁽¹⁾	76		
3 ⁽¹⁾	89		
4 ⁽¹⁾	114		
5 ⁽¹⁾	140		
6 ⁽²⁾	169	30, 40, 50 & 60	
8 ⁽²⁾	219		

Designation code

⁽¹⁾ MW-EN 14303-T8-ST(+)-400-WS1

⁽²⁾ MW-EN 14303-T9-ST(+)-400-WS1

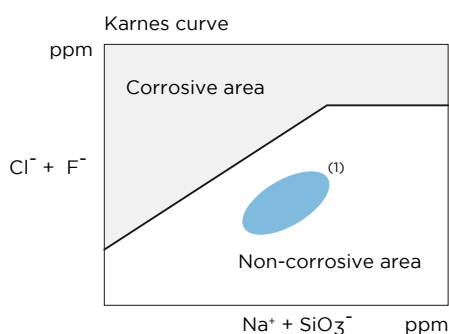
Presentation

250 packages/truck.

Logistics Class: B.

Steel corrosion

Non-corrosive. Based on ASTM C-795 and C-871.



Chemical analysis of the ions based on ASTM C-795 and C-871 standards show that ISOVER stonewool products do not cause corrosion to the steel as the relationship between F⁻ + Cl⁻ ions with respect to the Na⁺ + SiO₃⁻ at the lower part of the Karnes Curve.

⁽¹⁾ Position of the ISOVER mineral wools

Technical properties

Symbol	Parameter	Icon	Units	Value	Standard			
WS	Short-term water absorption		kg/m ²	< 1	EN 1609			
MU	Water vapour diffusion μ		—	1	EN 14303			
—	Reaction to fire		Euroclasses	A1	EN 13501-1			
DS	Dimensional stability		%	< 1	EN 1604			
ST(+)	Usage temperature limit	—	°C	-30 a 400	EN 14706			
λ	Thermal conductivity							
	Temp.* (°C)	-20	50	100	150	200	250	300
	λ (W/m-K)	0,029	0,037	0,045	0,053	0,065	0,080	0,095
—	Durability characteristics							
The reaction to fire behaviour and thermal resistance of this product will not vary with time nor if subjected to the maximum specified temperature.								

*Average insulation temperature. According to the EN ISO 8497 Standard.

Certificates



Installation guide

Further information available at: www.isover.es

- www.isover.es
- ISOVERblog.es
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