



# HT GLASS WOOL PREFABRICATED PIPE

Aluminum-foil-faced “HT Glass Wool Prefabricated Pipes” are made of glass wool with high unit weight and provide protection against condensation and freezing in HVAC insulation and the thermal insulation of industrial pipelines, thanks to their durability at temperatures up to 450°C. They are also used in pressurized water pipes to provide vibration and sound insulation. Varieties faced with matte aluminum foil are available with reinforced, fire-resistant foil and adhesive tape featuring an expanded adhesive surface.

## “Superior Performance and Durability at High Temperatures”

HT Glass Wool Prefabricated Pipe offers an excellent insulation solution for industrial facilities. Thanks to its durability at temperatures up to 450°C, high insulation performance, and class-A2 fire resistance, it supports a safe and productive working environment while providing effective sound insulation that enhances employee comfort. Its easy installation saves both time and labor. HT Glass Wool Prefabricated Pipe provides excellent insulation due to its low thermal conductivity at high temperatures.

THERMAL CONDUCTIVITY PERFORMANCE									
Properties	Symbol	Unit	Declared thermal conductivity values						
Thermal Conductivity Value	T	[ °C ]	10	50	100	150	200	250	300
	λ	[W/m.K ]	0,031	0,035	0,042	0,052	0,067	0,085	0,106
Maximum Service Temperature	T	[ °C ]	450 °C						
									Standart (TS EN 14303)
									EN ISO 8497 TS EN 13787
									TS EN 14707

(The maximum service temperature on the aluminum-faced side is 90°C.)



## APPLICATION AREAS

Pipelines exposed to high temperatures  
in industrial facilities  
Power plants  
Petrochemical and natural gas plants



**High Temperature Tolerance:** An ideal solution for industrial applications requiring high thermal performance, with resistance up to 450°C.



**Superior Thermal Performance:** Offers low thermal conductivity to minimize heat loss and maximize energy efficiency.



**Energy Savings:** Significantly reduces energy costs with its outstanding thermal insulation properties.



**Fire Resistance:** Minimizes fire risks with a class A2 fire rating. Aluminum-foil-faced pipes are class A2 and neither ignite nor contribute to fire.



**Effective Sound Insulation:** Offers advanced noise reduction to provide a quieter and more comfortable workspace while boosting employee productivity.



**Safe:** Ensures a safe working environment thanks to its superior fire resistance.



**Fast and Easy Installation:** Its prefabricated structure shortens installation time and reduces labor requirements.



**Time and Labor Savings:** Easy installation ensures timely project completion.

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Inner Diameter		Length	Pipe Wall Thickness							
Inch	mm		20 mm	25 mm	30 mm	40 mm	50 mm	60 mm	80 mm	100 mm
1\4	13	1200	*	*	*	*	*			
1\2	21	1200	*	*	*	*	*	*		
3\4	27	1200	*	*	*	*	*	*		
1	33	1200	*	*	*	*	*	*		
1 1\4	42	1200	*	*	*	*	*	*		
1 1\2	48	1200	*	*	*	*	*	*		
2	60	1200	*	*	*	*	*	*	*	
2 1\2	76	1200		*	*	*	*	*	*	*
3	89	1200		*	*	*	*	*	*	*
4	114	1200		*	*	*	*	*	*	*
5	140	1200		*	*	*	*	*	*	*
6	169	1200		*	*	*	*	*	*	*
8	219	1200			*	*	*	*	*	*
10	273	1200			*	*	*	*	*	*
12	325	1200			*	*	*	*	*	
14	356	1200			*	*	*	*		