

● PRODUCT INTRODUCTION

IW-GT Glass wool tube insulation is one-piece, 1000mm long hinged sections of fiberglass pipe Insulation that are opened, placed over the pipe and secured in place. It is widely used to insulate iron, copper, and other pipelines with operating temperatures between -120°C to 400°C in commercial & institutional buildings, and industrial facilities.

● PRODUCT PERFORMANCE

- Low thermal conductivity
- Low temperature can be used
- Fire resistance, non-combustible A1 .
- Stable fiber structure
- Asbestos free, non-toxic
- Sound absorption, noise reduction
- Excellent stiffness and recovery characteristics



● **PRODUCT SPECIFICATION**

Type			IW-GT 48, IW-GT 64, IW-GT 76,									
Dia			Thickness (mm)									
DN	INCH	ID	25	30	40	50	60	70	80	90	100	120
15	1/2	22										
20	3/4	27										
25	1	34										
32	1-1/4	42										
40	1-1/2	48										
50	2	60										
65	2-1/2	73										
80	3	89										
90	3-1/2	102										
100	4	114										
125	5	141										
150	6	168										
200	8	219										
250	10	273										
300	12	325										
350	14	356										
400	16	406										
450	18	457										
500	20	508										
550	22	559										
600	24	610										
Facing	Aluminum foil, PVC, black tissue, etc. or customized finish											
Note	other size please contact our sales											



● TECHNICAL DATA

Item Name		Test Method	Standard Value	Test Value
Dimension		ASTMC302-13 (2017)		pass
Thermal conductivity W/ (m·k)	24°C	ASTMC335-17 ASTMC1045-19	≤0.036	0.035
	93°C		≤0.045	0.042
	204°C		≤0.065	0.063
	260°C		≤0.078	0.076
	371°C		≤0.111	0.101
Service Temperature		ASTMC411-19 ASTMC417-15	≤400°C	396°C
Slag Resistance,max thickness change		ASTMC411-19	≤5.0%	3.67%
Non-Fibrous (Shot) content		ASTMC1335-12 (2017)	≤25%	8.7%
Linear Shrinkable at maximum use temperature(400°C)		ASTMC356-17	≤2.0%	1.2%
Water Vapor Sorption By Weight		ASTMC1104/C1104M-13a	≤5.0%	0.2%
Flame Spread Index		ASTME84-19a	≤25	0
Smoke-developed Index			≤50	0
Stress Corrosion Performance		ASTMC795-08 (2013)	No crack	pass