HUALI-ROCK WOOL

PRODUCT INTRODUCTION

HL-PI Rock wool pipe is particularly suitable for energy conservation in hot and cold pipelines and play an important role in maintaining constant temperature, protecting personal safety, preventing condensation and reducing noise. This product is rolled with a mold, closely matched with the pipe, and the outer surface is polished to achieve precise insulation thickness.

PRODUCT HANDLING

HL-PI Rock wool pipes are lightweight and easy to handle. To cut the product, it only requires a sharp knife with serrated edge or a hand saw, measuring tape and steel ruler. HL-PI Rock wool pipes should be secured in position using wire or metal bands in accordance with the manufacturer's recommendations and protected by metal cladding, mastic or other suitable coatings if required.

PRODUCT SPECIFICATION

Type			HL-PI 80, HL-PI 100, HL-PI 120, HL-PI 150,									
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 (ASTM C547)

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	0.034
	93°C		≤0.045	0.044
	204°C		≤0.065	0.062
	260°C		≤0.078	0.073
	371°C		≤0.111	0.099
Service Temperature		ASTMC411-19 ASTMC417-15	≤650°C	650°C
Slag Resistance,max thickness change		ASTMC411-19	≤5.0%	4.54%
Non-Fibrous (Shot) content		ASTMC1335-12（2017）	≤25%	10.7%
Linear Shrinkable at maximum use temperature(650°C)		ASTMC356-17	≤2.0%	-0.4%
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
Water Absorption		BS EN13472：2002	-	0.03kg/m2