

Rubber Foam Insulation

High Insulation | Fire Resistant | Long Life



WAIFLEX | Rubber Foam Insulation

WAIFLEX is fire resistant class 1 high performance rubber foam heat & cold insulation materials. WAIFLEX is manufactured in a controlled environment to maintain narrow range of density and unique cell structure to ensure high insulation properties in a very wide range of cold & hot insulation application temperatures from (-) 160 °C to 140 °C. We also offer high temperature resistant up to 150 °C for industrial applications.

Advantages

- Low thermal conductivity
- Cold Insulation up to – 160 °C
- High temperature resistant up to 150 °C
- Class 1 Fire retardant, FM, UL Approved
- Resistant to moisture and chemicals
- High dimensional stability and strength
- High anti-condensation & water vapour resistance

Applications

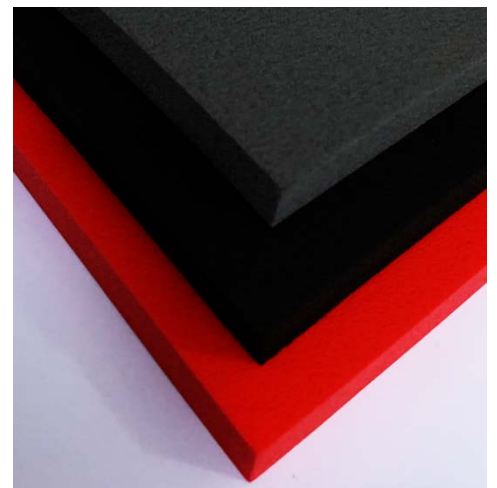
- Air-conditioner (AC) pipe insulation
- Hot water pipe insulation
- Chilled water pipe insulation
- Cold pipe insulation
- Weather resistant outdoor applications
- External & internal cladding insulation
- Duct insulation
- HVAC thermal insulation



Quality		WAIFLEX-S1	WAIFLEX-K1	WAIFLEX-K2	WAIFLEX-A0
Density	Kg/m3	55	45	60	55
Minimum Temperature	°C	- 50	- 180	- 180	- 80
Maximum Temperature	°C	105	105	140	105
Reaction to Fire, BS 476, Part 7		Class 1	Class 1	Class 2	Class 0
Thermal conductivity ASTM C518					
	0 °C W/(m K)	0.034	0.034	0.036	0.034
	25 °C W/(m K)	0.036	0.036	0.037	0.035
	40 °C W/(m K)	0.038	0.038	0.038	0.036
Shapes		Tube / Sheet	Tube / Sheet	Tube / Sheet	Tube / Sheet

Sheets Dimensions

Thickness		Size		Pcs
Inches	mm	Feet	Meters	Carton
1/8"	3	4' x 3'	1.22 x 0.914	80
1/4"	6	4' x 3'	1.22 x 0.914	40
3/8"	10	4' x 3'	1.22 x 0.914	26
1/2"	13	4' x 3'	1.22 x 0.914	20
5/8"	16	4' x 3'	1.22 x 0.914	16
3/4"	19	4' x 3'	1.22 x 0.914	14
1"	25	4' x 3'	1.22 x 0.914	10
1 1/4"	32	4' x 3'	1.22 x 0.914	8
1 1/2"	38	4' x 3'	1.22 x 0.914	7



Insulation Pipe (pieces per Carton)

Internal Diameter		Insulation Wall Thickness							
Inches	mm	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1/4"	6	250	156	110	49	30			
3/8"	10	200	120	90	42	30			
1/2"	13	150	100	72	36	24	12	9	6
5/8"	16	120	90	63	36	20	12	9	6
3/4"	19	100	72	56	30	20	12	9	6
7/8"	22	90	64	48	25	18	9	9	6
1"	25	80	56	42	20	16	9	9	6
1 1/8"	28	72	49	36	20	16	9	9	6
1 1/4"	32	56	42	30	20	15	9	9	4
1 3/8"	35	48	36	30	16	12	9	9	4
1 1/2"	38	42	34	25	16	12	9	8	4
1 5/8"	42		30	25	16	12	9	8	4
1 7/8"	47		28	20	15	10	8	6	4
2"	51		24	20	12	9	8	6	4
2 1/8"	54		21	20	12	9	8	6	4
2 1/4"	57		21	20	12	9	6	6	4
2 3/8"	60		20	18	12	9	6	6	3
2 1/2"	64		18	15	9	8	6	6	3
2 5/8"	67		18	15	9	8	6	6	3
2 7/8"	73		18	13	9	8	4	4	3
3"	76		18	12	8	8	4	4	3
3 1/8"	80		16	12	8	6	4	4	
3 1/2"	89		16	12	8	6	4	4	
4"	102		14	12	6	6			
4 1/8"	105		14	12	6	5			
4 1/4"	108		14	12	6	5			
4 1/2"	114		14	12	6	4			
5"	127		10	9	6	4			
5 1/8"	130		10	9	6	3			
5 1/4"	133		10	9	6	3			
5 1/2"	140		10	8	6	3			

