

# Products Catalog

**Enduroflex®**  
**INSULATION**



# Enduroflex®

## Product introduction

The rubber-plastic material of the household air-condition pipe has good winding and toughness, it is easy to deal with the bending and irregular pipe in the construction, and it can save labor and material, thus, the vibration and resonance of cold and hot water pipelines can be minimized.

The product material insulation uses the advanced "Gel Foaming" Techology, to form the completely closed foam structure. The insulation materials are suitable for the water pipe and air pipe in HVAC system, cooling, and heating equipments, hot water pipe, to quanrantee the tightness of whole system.



## PRODUCT TECHNICAL DATA SHEET



### Enduroflex® Class1 ●●

### Enduroflex® class0 ●●

There are two kinds of products-tube and sheet. It is easy to install, safe and environmental protection. The insulation materials are suitable for the water pipe and air pipe in HVAC system, cooling and heating equipments, hot water pipe, to guarantee the tightness of the whole system. It has passed the test of BS476 Part6 / Prat7, getting the BS certification. The unique spromote good fire performance with low smoke and safe prosperities



# Enduroflex®

## TECHNICAL PERFORMANCE

	Standard	Test Result
Density	GB/T 17794-2021 ASTM D1667	45±5 kg/m <sup>3</sup>
Thermal Conductivity	GB/T 17794-2021 ASTM C176	W / (m=K)
	-20 C	0.03
Thermal Conductivity	0 C	0.032
	25 C	0.034
Water Vapor Permeability	GB/T 17794-2021 ASTM E996	1.7x10-11 g/m-s-Pa
Water Absorption (weight percent)	GB/T 17794-2021 ASTM D1506	2%
Smoke Density Grade	GB/T 8627-2007	52

Note : The technical data sheet is based on tests performed in the Laboratory. Nothing herein to be construed as a warranty or representation and we recommend, However, that all potential users of the product make their own actual tests prior to using it on industrial scale.

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## Class1 / Class0 Specification

Specification and model of air conditionertube (mm)	Package Quantity	Specification and model of air conditionertube (mm)	Package Quantity	Specification Type	Package Quantity	Specification Type	Package Quantity
06*9	180	6*13	120	13*25	40	13*30	30
10*9	140	10*13	110	16*25	35	16*30	30
13*9	120	13*13	100	19*25	35	19*30	30
16*9	100	16*13	80	22*25	30	22*30	25
19*9	100	19*13	70	25*25	25	25*30	25
22*9	80	22*13	60	28*25	25	28*30	20
25*9	80	25*13	60	32*25	20	32*30	20
28*9	60	28*13	50	34*25	20	34*30	20
32*9	60	32*13	40	35*25	20	35*30	20
34*9	60	34*13	40	38*25	20	38*30	15
35*9	60	35*13	40	42*25	15	42*30	15
38*9	60	38*13	40	43*25	15	43*30	15
42*9	50	42*13	40	48*25	15	48*30	15
43*9	50	43*13	40	54*25	12	54*30	12
48*9	50	48*13	35	60*25	12	57*30	12
				76*25	10	60*30	12
				89*25	10	76*30	10
				108*25	10	89*30	8
						108*30	8

## Enduroflex® sheet model

Thickness (mm)	Lenght (m)	Width (m)	Package Quantity	Square Metre (m2)	Cubic number (m3)
10	20	1.5	1	30	0.3
15	12	1.5	1	18	0.27
20	10	1.5	1	15	0.3
25	8	1.5	1	12	0.3
30	6	1.5	1	9	0.27
40	3	1	1	3	0.12
50	3	1	1	3	0.15