



Hualiflex sheet Class B1

RUBBER BOARD

Rubber insulation material with soft, resistant to bend around, and cold, heat, fire, waterproof, low thermal conductivity, vibration, acoustic, and other fine performance.



Product Introduction

Huali rubber plastic foam introduced foreign advanced technology and processing, automated production lines, with excellent nitrile rubber, polyvinyl chloride as the main raw materials and other high quality accessories, made by foaming flexible insulation materials.

Application

Suitable for medium temperature between -50 to 85 ° C in the fields of pipeline and equipment, such as central air conditioning system pipe and air duct, refrigeration and heating equipment, hot water piping and process piping insulation engineering, etc.

Product Performance

- Excellent fire resistance
- Closed structure, resistant to water vapor penetration
- No fiber, no dust, no formaldehyde, low volatile concentration of organic compounds
- Obvious energy saving effect
- Easy and quick installation
- Low thermal conductivity, excellent water vapor permeability ensure the material has a long service life, can prevent condensation, reduce energy consumption

Technical Data

Item	Unit	Data
Service temperature	°C	-50~85
Thermal conductivity	W/mk	-20°C 0.032 0°C 0.034 37°C 0.039
Wet resistance factor Moisture permeability coefficient		$U \geq 10,000$ $\leq 2.8 \times 10^{-11} \text{g}/(\text{m} \cdot \text{s} \cdot \text{pa})$
Vacuum water absorption	%	≤ 10
Fireproof performance Flame surface propagation Combustion status		Class B1 Grade 1 No droplet
Apparent density	kg/m ³	40-80
Dimensional stability at 105 ° C, 7 days	%	≤ 10
Compression rate 50%, 72 hours	%	≥ 70
Aging resistance, 150 hours		Slight wrinkle, no crack, no pinhole, no deformation

Product Specification

Length (m)	20	20	10	10	8
Width (m)	1.5	1.5	1.5	1.5	1.5
Thickness (mm)	10	15	20	25	30

Note:

1. Above size is the common specification, if customized, please contact us
2. Insulation thickness is above 25mm, recommend multi layers.