



INSULATION MATERIALS

GEL FOAMING



INSULATION SHEET

λ Description

With the advanced technology “Gel Foaming”, the closed cell structure of NBR / Rubber is complete. This foam sheet has an excellent performance of thermal conductivity, water vapor resistant and fire resistant.

λ Application

Apply to Refrigeration, cooling & heating system, apply to different shapes of areas.

λ Certificates



λ Tech.

NO.: MDHISB06 DATE:2017-10-20 Material: NBR Class: class 1 class 0 Color: <input type="checkbox"/> Black <input type="checkbox"/> Blue <input type="checkbox"/> Red <input type="checkbox"/> Orange Adhesive: optional 	Physical Properties		Class 1	Class 0
	Cell Structure	Closed Cell	Closed Cell	Closed Cell
Density kg/m ³	55±5	55±5	55±5	
Thermal Conductivity Mean Temp	-4°F(-20°C) 32°F(0°C) 104°F(40°C)	-4°F(-20°C) 32°F(0°C) 104°F(40°C)	-4°F(-20°C) 32°F(0°C) 104°F(40°C)	
BTU.in/ft.2.hr.oF W/(m · k) K-value	0.22(0.030) 0.23(0.032) 0.26(0.037)	0.22(0.030) 0.23(0.032) 0.26(0.037)	0.22(0.030) 0.23(0.032) 0.26(0.037)	
Water Vapor Permeability g/(m · s · Pa)	1.96x10 ⁻¹¹	1.96x10 ⁻¹¹	1.30x10 ⁻¹¹	
Moisture Resistance(μ value)	Moisture Resistance(μ ≥10000)	Moisture Resistance(μ ≥15000)	Moisture Resistance(μ ≥15000)	
Flammability Smoke Density	V-0	V-0	V-0	
	25/50	25/50	25/50	
Water absorption(weight %)	self extinguishing	self extinguishing	self extinguishing	
	Class1	Class1	Class1	
Flexibility	Pass	Pass	Pass	
Ozone Resistance	Excelent	Excelent	Excelent	
Work Temperature	No crack	No crack	No crack	
	-70°F to -257°F(57°C to + 125°C)	-70°F to -257°F(57°C to + 125°C)	-70°F to -257°F(57°C to + 125°C)	

λ Specification

THICKNESS		L x W		L x W	
mm	inch	m	m	m	m
6	1/4"	20	1.5	20	1.22
10	3/8"	20	1.5	20	1.22
13	1/2"	15	1.5	15	1.22
15	5/8"	15	1.5	15	1.22
19	3/4"	10	1.5	10	1.22
22	7/8"	10	1.5	10	1.22
25	1"	10	1.5	10	1.22
30	1 1/8"	8	1.5	8	1.22
32	1 1/4"	8	1.5	8	1.22
35	1 3/8"	5	1.0	5	1.0
38	1 1/2"	5	1.0	5	1.0
40	1 5/8"	5	1.0	5	1.0
50	2"	2	1.0	2	1.0

λ Other Specification

Compound Aluminum Foil		THICKNESS		L x W	
mm	inch	m	m	m	m
6	1/4"	2	1.2	2	1.2
10	3/8"	2	1.2	2	1.2
13	1/2"	2	1.2	2	1.2
15	5/8"	2	1.2	2	1.2
19	3/4"	2	1.2	2	1.2
22	7/8"	2	1.2	2	1.2
25	1"	2	1.2	2	1.2
30	1 1/8"	2	1.2	2	1.2
32	1 1/4"	2	1.2	2	1.2
35	1 3/8"	2	1.0	2	1.0
38	1 1/2"	2	1.0	2	1.0
40	1 5/8"	2	1.0	2	1.0
50	2"	2	1.0	2	1.0

• If you didn't find the size you need, please feel free to contact us.