



SPECIFICATION

Thickness	3-50mm
Width	1m, 1.2m, 1.5m
Lenth	5-30m
Facing	Adhesive, Aluminum foil

Note: Above size are standard sizes, for other size please consult us.

CLASS 1 RUBBER FOAM

FIRSTFLEX® RUBBER FOAM SHEET

INTRODUCTION

FIRSTFLEX® Rubber Foam insulation soft heat-insulating, heat preservation and energy conservation materials, using acrylonitrile butadiene rubber and polyvinyl chloride (NBR, PVC) with best performance as main raw materials and other high quality auxiliary materials through foaming and so on special procedure.

CLASS 1 RUBBER FOAM



TECHNICAL PARAMETERS

Physical properties		FIRSTFLEX®			Test Method
Cell Structure		Closed cell			—
Density Kg/m ³		≥45			ASTM D 1667
Thermal Conductivity BTU.in/ft ² .hr.°F W/(m.k)	Mean Temp	-4°F (-20°C)	32°F (0°C)	104°F (40°C)	ASTM C177 & C518
	K-value	0.22 (0.030)	0.23 (0.032)	0.26 (0.037)	
Water Vapor Permeability g/(m.s.Pa)		1.96x10 ⁻¹¹			ASTM E96
Moisture Resistance(μ value)		μ≥10000			DIN 52615
Flammability Smoke Density		V-0			UL-94
		25/50			ASTM E84
		Self Extinguishing			ASTM D635
		Class 1			BS 476:Part 7
		Pass			IMO FTPC Annex 1 Part 5
Water absorption(weight %)		≤5			ASTM D1056
Flexibility		Excellent			—
Ozone Resistance		No crack			ASTM D1171
Service Temperature		-70°F to 257°F (-57°C to +125°C)			—



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