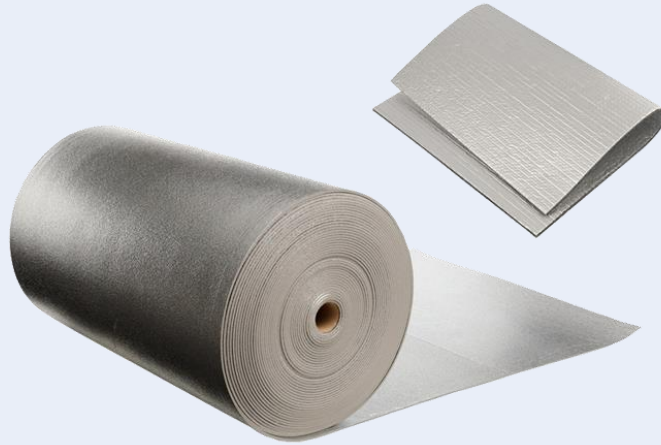


CTF Thermal Insulation Foam



I Product Introduction

XPE or IXPE double sides laminated with aluminum foil, with advanced thermal performance, reflecting up to 95% radiant heat, allowing for cooler internal conditions in hot and humid climates, also it has great property of flame retardant.

II Product Features

- Moisture barrier, water-proof, heat insulation, energy saving
- Light, soft, dust-free, flame retardant, easy cutting and installing
- No odor, environmentally-friendly
- Low thermal conductivity and excellent heat insulation s& thermal insulation
- Keep warmer in winter, cooler in summer

III Product Range

- Foam Density: 28 to 33 kg/m³ (or customized)
- Dimension: 4mm* 1350mm* 40mts (or customized)
- Color: grey, black, White
- Usage: Roof, Wall, Floor
- Structure: Aluminum foil + XPE + Aluminum foil/ Aluminum foil + IXPE + Aluminum foil (or customized-e.g. woven fabric aluminum foil)

IV Technical Parameters

Property		Standard	Unit	Value
Density		-	Kg/m ³	33.33
Tensile Strength	Transverse	ISO-1798	MPa	0.25~0.27
	Longitudinal			0.31~0.32
Elongation	Transverse	ISO-1798	%	137.40~141.20
	Longitudinal			159.70~166.00
Tearing Strength	Transverse	ISO-8067	Kn/m	1.28~1.33
	Longitudinal			1.38~1.40
Compression 25%		ISO-3386-1	kPa	36.40
Compression 40%		ISO-3386-1	kPa	62.40
Compression 50%		ISO-3386-1	kPa	95.20
Compression Set 25% 0.5H		ISO-1856	%	19.10
Compression Set 25% 24H		ISO-1856	%	4.10
Operating Temperature Range		Internal	°C	(-40~+80)
Water Absorption % Volume(Maximum)		Internal	%	0.50
Thermal Conductivity		JISA1412-2	W/mK	0.032
Shore- C		ASTM D2240	°C	22

V Application

Excellent for building's insulation, like sheds, workshops, factories etc.

XPE/IXPE Insulation Applications

