

VieTape IXPE-F6000

IXPE FOAM - CLOSED CELL

DESCRIPTION

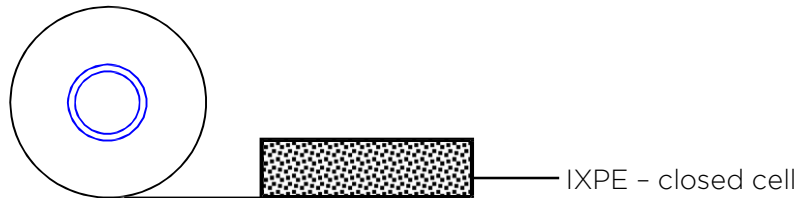
IXPE-F6000 closed cell foam also known as Irradiation Cross-Linked Polyethylene foam, made from low-density polyethylene. It is produced by foaming the polyethylene at high temperatures and then cross-linking the molecules with electron beam irradiation. This process creates a strong, lightweight material with a desirable properties.

APPLICATION

General applications:

- Packaging: IXPE foam is commonly used as a protective packaging material for delicate items. Its shock-absorbing properties help to prevent damage during transport.
- Electronic and Automotive: Vibration absorption, damping
- Flooring: It helps to reduce noise, improve comfort, and protect the subfloor from moisture.
- Construction: Sealing gaps, insulating pipes, and providing weatherproofing.
- Consumer goods: IXPE foam is used in a variety of consumer goods, such as sporting goods, toys, and medical devices.

STRUCTURE



FEATURES

Item	Unit	Parameter	Notes
Color	-	White, Cream...	-
Thickness	mm	1; 1.5; 2; 3...	Optional
Density	kg/m ³	120 ± 20	ASTM D3575
Thermal conductivity	W/mK	0.13	-
Water Absorption	%	<5%	ASTM D1056
Long- term temperature resistance	°C	- 40 to 100	-
Short - term temperature resistance	°C	Up to 130	-



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DIRECTION OF USE

Temperatures between 21 and 38°C are ideal for application.

The substrate must be thoroughly united, clean, and dry. Typical surface cleaning solvents are isopropyl alcohol/water mixture (rubbing alcohol) or heptane. Please take the appropriate precautions to handle solvents safely.

SHELF LIFE

Store in original package at room temperature (15-35°C) and 60% relative humidity, avoid direct sunlight.

Shelf life is 12 months from date of manufacture when store at recommended storage condition.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

