VieTape IXPE-F7000

IXPE FOAM – CLOSED CELL

DESCRIPTION

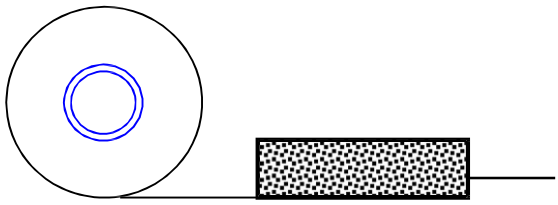
IXPE-F7000 closed cell foam also known as Irradiation Cross-Linked Polyethylene foam, made from low-density polyethylene . It is produced by foaming the polyethylene at high temperatures and then cross-linking the molecules with electron beam irradiation. This process creates a strong, lightweight material with a number of 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	-

VieTape IXPE-F7000

IXPE FOAM – CLOSED CELL

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.