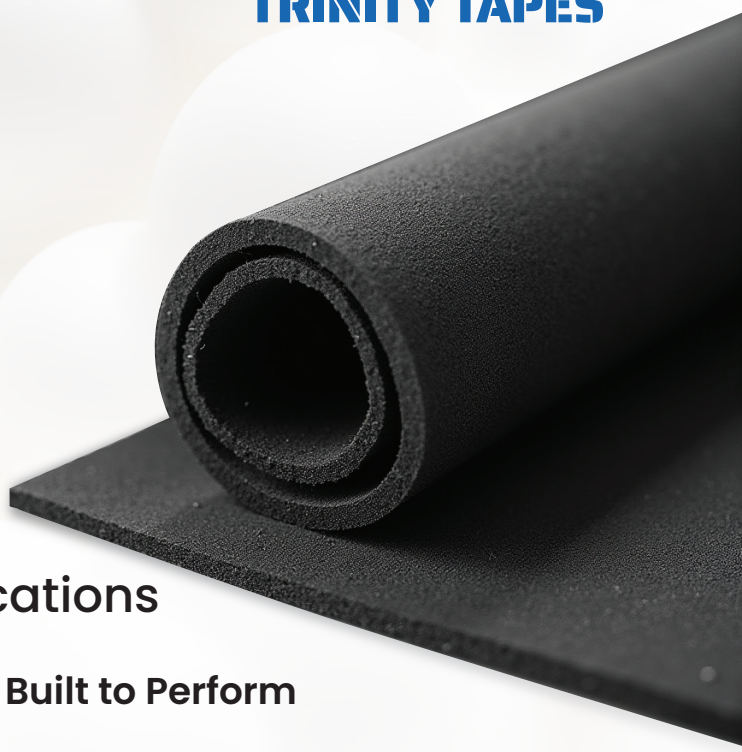
TRINITY TAPES®

TrinLon

Engineered IXPE Insulation Solutions

Advanced Thermal & Condensation Control Solutions



for HVAC & Automotive Applications

Lightweight | Reliable | Built to Perform



HVAC Duct Insulation



Automotive Acoustic Insulation

Thermal Insulation	Condensation Control	Acoustic Dampening	Lightweight & Flexible

Available In

Rolls | Slit Rolls | PSA Options | ALU Scrim Facing

Closed-Cell IXPE Foam | Thermal Efficiency | Moisture Resistance
Acoustic Comfort | Built to Perform

TRINITY TAPES®

Why HVAC Professionals Choose TrinLon

Engineered for performance. Delivered with confidence.



Closed-cell IXPE foam insulation engineered for thermal efficiency, condensation control & acoustic comfort in HVAC systems

Consistent Quality | Low Water Absorption | Indian Stock

What Makes TrinLon the Right Choice

- **Closed-Cell Structure**
- **Condensation Control**
- **Indian Stock & Faster Supply**
- **Consistent Quality**

IXPE vs Conventional Insulation

PERFORMANCE FACTOR	CONVENTIONAL INSULATION	TRINLON IXPE FOAM
Moisture Absorption	High – leads to moisture & damage	Very low – closed-cell, moisture resistant
Consistency	Inconsistent thickness & density	Uniform density & stable thickness
Thermal Performance	Higher heat transfer	Lower thermal conductivity – better energy efficiency
Weight & Handling	Bulky & heavy	Lightweight & flexible – easy to handle
Finishing Options	Limited options	Alu scrim, PSA & more – ready for HVAC
Supply Support	Long lead times, higher MOQs	Indian stock, faster availability
Reliability	Can degrade over time	Excellent long-term stability

TECHNICAL SUPPORT | **SAMPLES AVAILABLE** | **RELIABLE PERFORMANCE**

TRINITY TAPES®

Applications That Perform

Engineered for real-world insulation challenges in HVAC and industrial systems—delivering thermal efficiency, durability and easy installation.

Real Problems. Reliable Solutions

HVAC DUCT INSULATION



Problem

Heat gain/loss through ducts reduces system efficiency.

Solution

Closed-cell IXPE reduces thermal transfer, improving efficiency and comfort.



Benefits

Better energy efficiency, reduced condensation, quieter operation, easy installation.

ACOUSTIC INSULATION

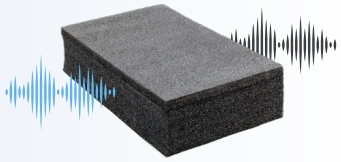


Problem

Noise transmission through ducts and pipes creates uncomfortable environments.

Solution

IXPE foam absorbs sound and reduces vibration for quieter performance.



Benefits

Reduces noise levels, improves acoustic comfort, supports better indoor air quality.

Product



IXPE Foam (White)



IXPE Foam (Black)

ALSO IDEAL FOR INDUSTRIAL USES

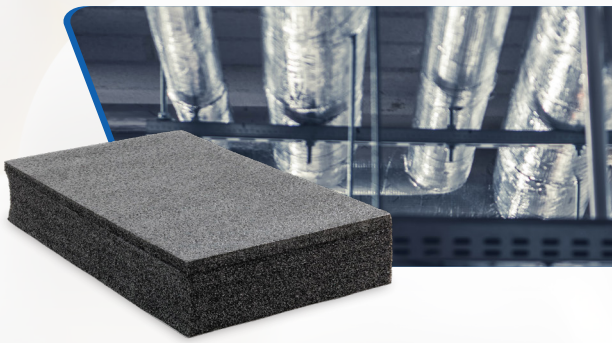
- Industrial Thermal Insulation
- Temperature Management

Built For Real-world Performance | **Consistent Performance** | **Energy Efficient Solutions**

TRINITY TAPES®

Trusted by Professionals.
Built for Performance.

Preferred by HVAC professionals for reliable thermal insulation & condensation control.



Why Professionals Choose TrinLon™ IXPE Foam

Condensation Control
Closed-cell structure helps prevent moisture ingress and protects systems against corrosion.

Faster Installation
Lightweight, flexible and easy to handle—reduces installation time and improves productivity.

Long-term Durability
Resistant to moisture, chemicals and daily wear. Built to deliver reliable performance for years.

TECHNICAL SPECIFICATIONS

Material	Cross-linked PE (IXPE) Foam
Closed Cell Structure	≥ 95%
Density	33 – 167 Kg/m³
Thermal Conductivity	0.036 – 0.040 W/m·K at 0°C
Operating Temperature	-40°C to +105°C
Water Absorption	Low
Thickness	0.3 / 0.5 / 1 / 2 / 3 mm

PARTNER WITH CONFIDENCE

Trusted By Experts
Preferred by HVAC contractors, fabricators and insulation professionals across India.

Consistent Quality
Advanced manufacturing and strict quality control ensure uniform performance in every roll.

Built For Project Success
Engineered solutions and reliable supply to help you deliver better, on every project.

Tested for consistent performance.
Manufactured to meet demanding HVAC standards.

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