

RoFoam® for Automotive

Lightweight XPE foam
engineered for performance,
comfort and reliability.



RoFoam® is a chemically cross-linked polyethylene (XPE) foam developed for demanding automotive applications. Lightweight, durable and easy to convert, it supports OEMs and Tier suppliers in creating high-performance vehicle components.

How RoFoam takes shape.

From material selection to serial production, RoFoam supports a wide range of automotive converting technologies.



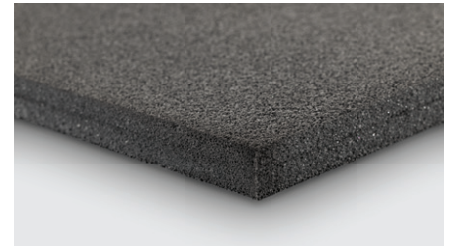
Thermoforming

Ideal for lightweight HVAC air ducts and complex interior components with excellent dimensional accuracy.



Die cutting

High precision conversion for seals, gaskets, insulation and acoustic components.



Lamination

Compatible with pressure-sensitive adhesives (PSA), films, textiles and multilayer constructions.

Where RoFoam performs.

Seals & gaskets

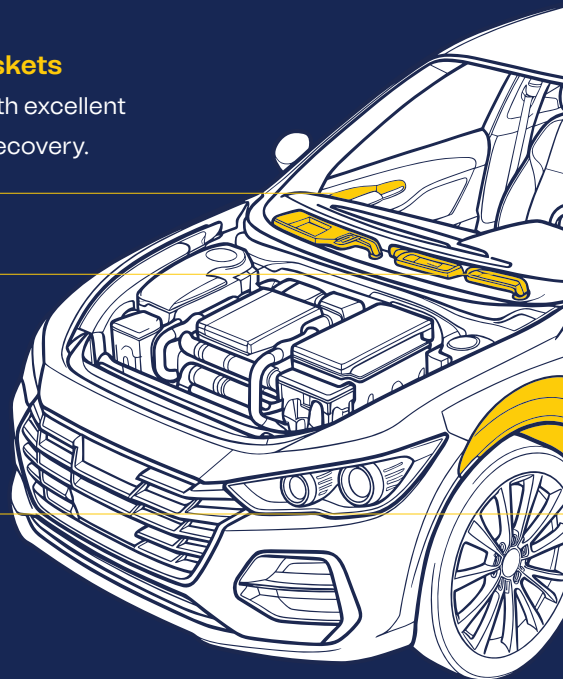
Durable sealing with excellent compression recovery.

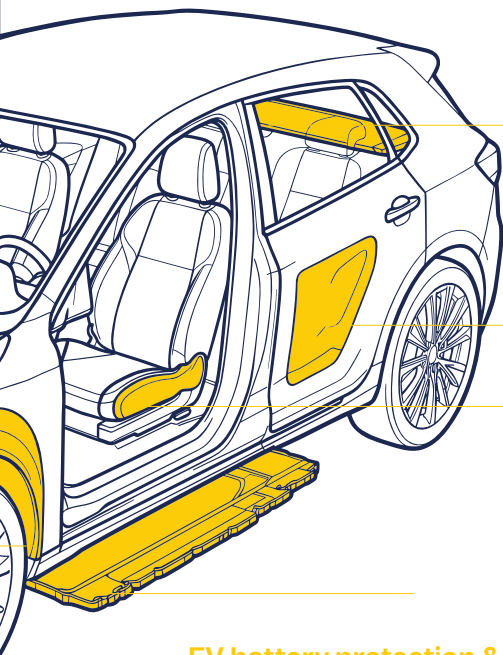
Interior air ducts

Lightweight and thermally insulating ducts for efficient airflow.

Fender fillers

Lightweight design with consistent dimensional accuracy.





Composite components

Strong, lightweight core for composite assemblies.

Water shields

Reliable moisture barrier for vehicle doors.

Seat reinforcements

High stiffness at minimal weight.

EV battery protection & insulation

Thermal insulation and shock absorption to help protect EV battery systems.

Your challenge. Our expertise.

Custom XPE foam solutions, developed together.



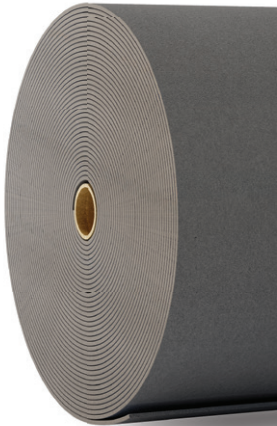
Why RoFoam performs.

Developed for engineers, converters and Tier suppliers looking for consistent material performance, efficient processing and reliable supply.



Thermal insulation

Supports HVAC efficiency and passenger comfort.



Type of RoFoam	Density range	Typical thickness	Width range	Colours
Rolls	27-200 kg m ³	4-18 mm	0.5-1.5 m	On request
Sheets	27-200 kg m ³	4-18 mm	Up to 1.5 m	On request
Blocks	27, 40 & 60 kg m ³	100 mm	1.2 x 2 m	On request

Other densities, thicknesses and customized grades are available on request.



Lightweight

Reduce component weight without compromising strength or durability.



Closed-cell structure

Low water absorption, smooth surface and excellent resistance to chemicals and moisture.



Acoustic performance

Contributes to effective NVH reduction.



Fire-retardant grades

Available for applications requiring enhanced fire performance.



Easy converting

Suitable for a wide range of converting and forming processes.

More than a foam supplier.

Schmitz Foam Supply supports OEMs, Tier suppliers and converters with high-quality XPE foam solutions, technical expertise and reliable long-term partnerships.



Engineering support throughout your project

Our specialists support customers from material selection to serial production. Support includes:

- Material selection
- Prototype development
- Thermoforming advice
- Material optimization
- Application engineering
- Sample production

Proven expertise.

90⁺

Years

Family-owned manufacturing
company

35⁺

Years

Experience in cross-linked
polyethylene foam

6

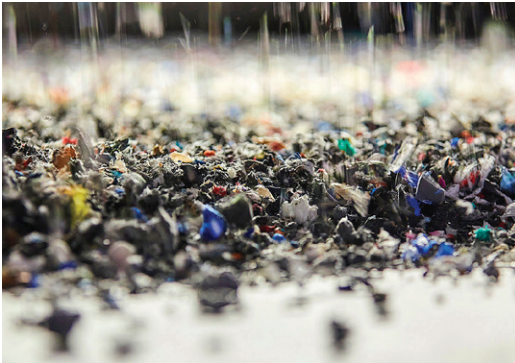
Locations in Europe & USA

Serving customers world wide



One partner for foam supply and foam reuse.

When delivering RoFoam, we can also collect clean post-industrial XPE foam offcuts. These materials are repurposed into new high-quality foam products, helping OEMs and Tier suppliers reduce waste, support sustainability targets and keep valuable materials in circulation.





Let's discuss your application.

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