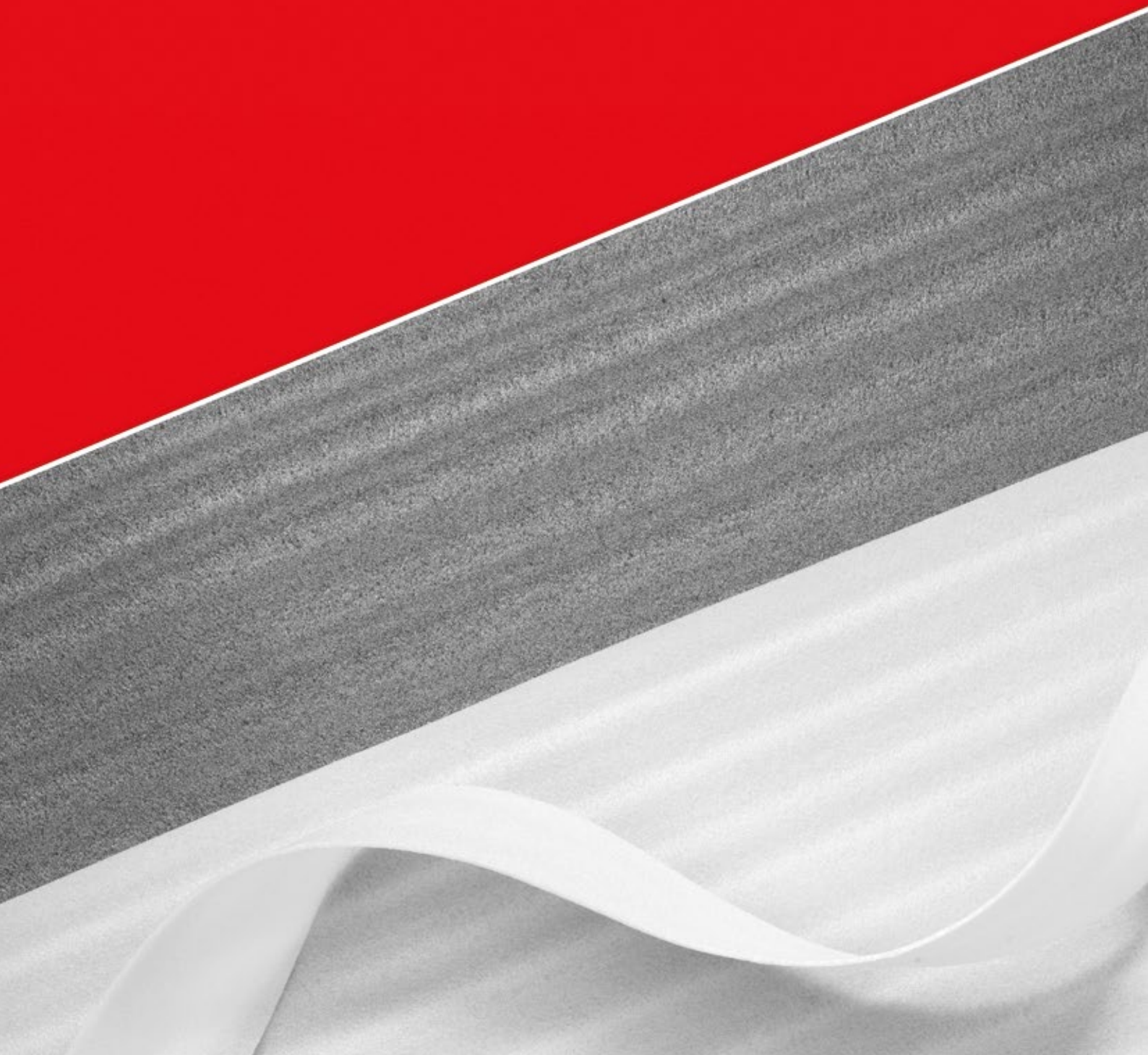




Foam Products

Foam Products for Insulation and Protection

House Seal

This foam foundation strip, also known as a house seal, is ideal for insulating the joint between the foundation and the timber sole plate.

The house seal withstands temperatures from -40 to $+95$ °C. The material is resistant to most chemicals used in construction. It offers excellent strength, elongation at break and tear resistance.

Thanks to its thermal insulation properties, flexibility and resistance to water absorption, the house seal is suitable for use in varying moisture conditions.

Applications

The house seal is most commonly used between the foundation and the timber sole plate to provide thermal insulation and a moisture barrier.

Other applications include sealing joints between building components, such as wall structures, window and door frames, wall panels, ground floors and load-bearing walls. It is also suitable for applications where building components have varying manufacturing and installation tolerances.

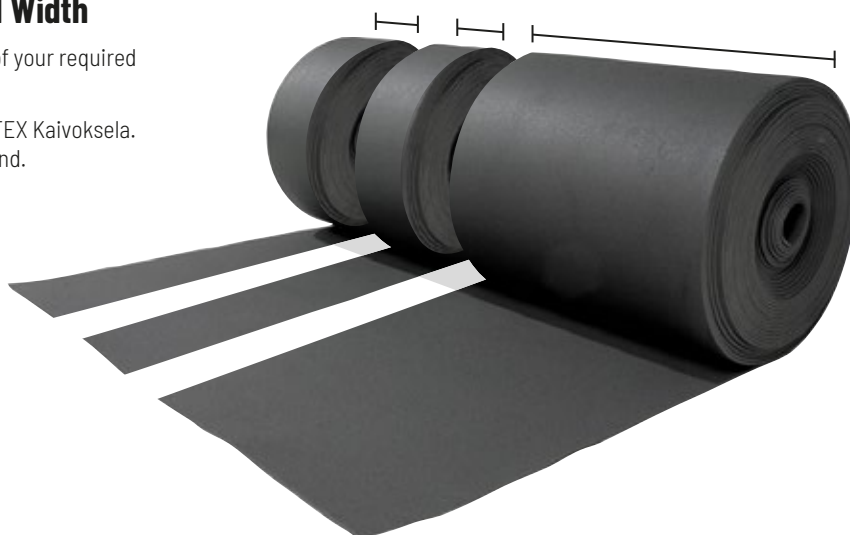
The house seal also reduces structure-borne sound transmission.

Roll sizes	6 mm × 100 mm × 50 m 6 mm × 125 mm × 50 m 6 mm × 150 mm × 50 m 6 mm × 175 mm × 50 m 6 mm × 200 mm × 50 m 6 mm × 250 mm × 50 m 6 mm × 275 mm × 50 m 10 mm × 200 mm × 50 m
Material	Closed-cell cross-linked polyethylene (PEX) foam, CFC-free
Thermal conductivity	0.039 W/(m·K) at $+10$ °C
Density	30 kg/m ³
Operating temperature range	-60 °C to $+90$ °C
Fire classes	B1 and B3 (DIN 4120)
Approvals	ISO 9002 approved (TÜV 75.100.5855)

Foam Cut to Your Required Width

We cut frost insulation mats into rolls of your required width. Each roll is 50 m long.

The cutting service is available at MELTEX Kaivoksela. Rolls can be delivered throughout Finland.



Frost Insulation Mat

The frost insulation mat is used for applications such as insulating concrete pours, protecting against ground frost and insulating large heating pipes.



Thickness	10 mm
Roll size	2 × 50 m
Material	Closed-cell cross-linked polyethylene (PEX) foam, CFC-free
Thermal conductivity	0.039 W/(m·K) at +10 °C
Density	30 kg/m³
Operating temperature range	–60 °C to +90 °C
Fire classes	B1 and B3 (DIN 4120)
Approvals	ISO 9002 approved (TÜV 75.100.5855)

Seam Strip

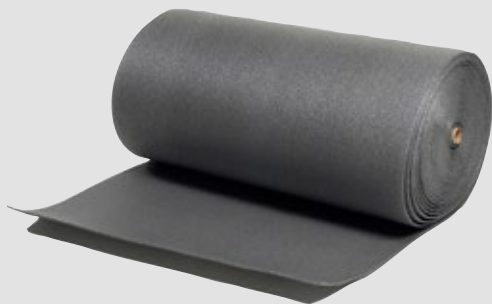
The foam seam strip is used, for example, along the edges of poured concrete floors to accommodate movement.



Thickness	5 mm and 10 mm
Roll sizes	100 mm × 50 m 150 mm × 50 m 200 mm × 50 m 300 mm × 50 m 400 mm × 50 m
Material	LDPE, closed-cell PEX foam
Thermal conductivity	0.050 W/(m·K) at +10 °C (DIN 52612)
Density	20–25 kg/m³ (DIN 53420)
Operating temperature range	–60 °C to +60 °C
Water absorption	0.5% (ASTM C-272-53)

Frost Insulation Mat

The frost insulation mat protects freshly poured concrete from frost and excessive moisture evaporation. The material has a lighter structure than the frost insulation mat described above.



Thickness	10 mm
Roll size	2 × 50 m
Material	LDPE, closed-cell PEX foam
Thermal conductivity	0.050 W/(m·K) at +10 °C (DIN 52612)
Density	20–25 kg/m³ (DIN 53420)
Operating temperature range	–60 °C to +60 °C
Water absorption	0.5% (ASTM C-272-53)

Pipe Insulation

Foam pipe insulation is designed for insulating heating pipes and domestic hot water pipes.



Fire class	B3
Wall thickness	9 mm; 13 mm for insulation with a 114 mm internal diameter
Length	2 m
Internal diameter	15, 18, 22, 28, 35, 42, 54, 60, 76 and 114 mm

Foam Products

Distributor:



www.meltex.fi