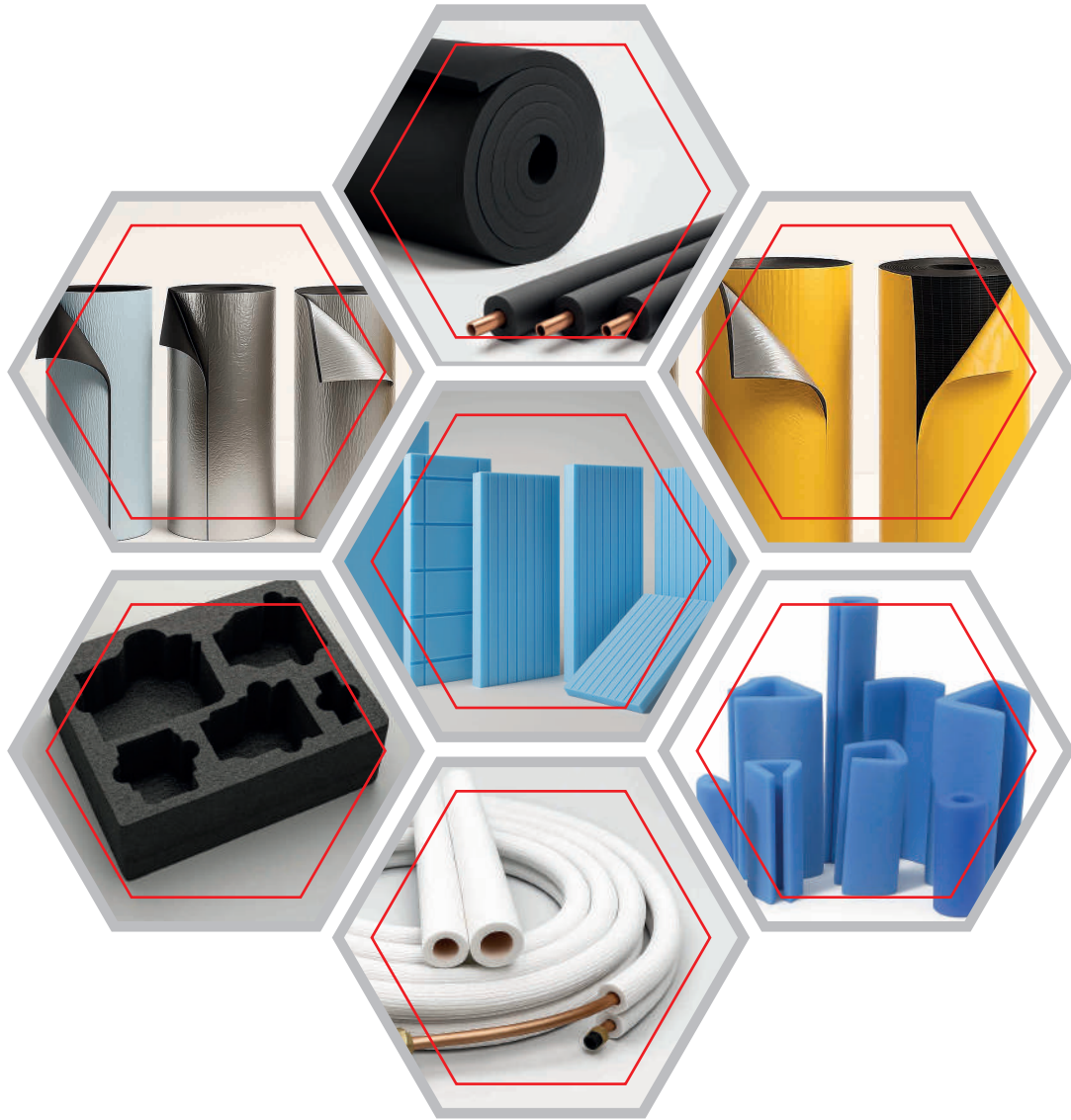


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Elastomeric Rubber Foam Insulation Products



Technical Specifications:

Operating Temperature: +110 °C
Density: 45–200 kg/m³
Thermal Conductivity (at 0°C): $\lambda = 0.036 \text{ W/m}\cdot\text{K}$
Water Vapor Diffusion Resistance: $\mu > 7000$
Fire Classification: EN 13501-1
Sheet: B-s3-d0
Pipe: BL-s2-d0

Rubber foam, with its high insulation performance and flexible structure, is an essential material for modern installation systems. Elastomeric rubber foam products produced under the DYNAFLEX RUBBER brand prevent thermal bridging thanks to their closed-cell structure, provide high resistance against vapor diffusion, and offer up to 80% energy savings. Common application areas include pipelines, ventilation ducts, tank surfaces, and industrial equipment.

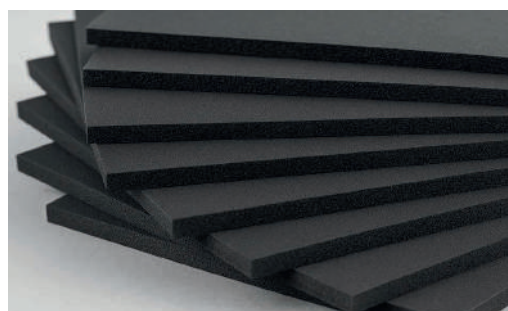
Ventilation ducts and installation lines are among the areas with the highest energy loss in buildings. Preventing these losses is only possible with the right material selection and proper insulation thickness. DYNAFLEX RUBBER elastomeric rubber foam is the ideal solution in this regard, thanks to its closed-cell structure and standard production density of 45–55 kg/m³. Additionally, we can produce up to 200 kg/m³ density upon request. It is especially reliable in air conditioning and cooling systems due to its high vapor diffusion resistance.



DYNAFLEX RUBBER can provide over 80% energy savings depending on the insulation thickness, standing out with its balanced formulation in terms of density and cell structure. While heat loss through convection and radiation increases at lower densities, it decreases as density increases; however, heat transfer through conduction rises. The most efficient insulation is achieved at the point where these three factors are balanced.



DYNAFLEX RUBBER products offer excellent insulation performance with a cell density of 100–120 cells/cm² and an ideal density range, ensuring improved energy efficiency and long-lasting, effective insulation.



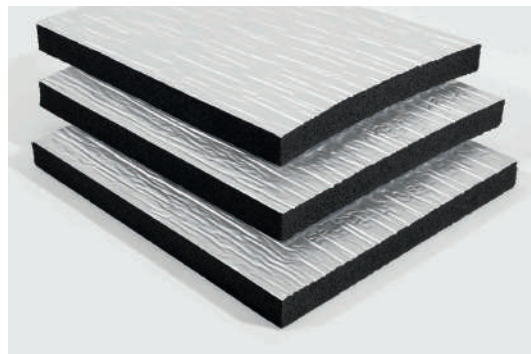
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Cladded Rubber Foam Insulation Products

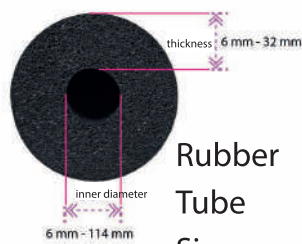


DYNAFLEX RUBBER elastomeric rubber foam is a high-performance insulation solution available with a variety of cladding options. The product range includes plain rubber sheets, aluminum foil-coated sheets, PVC + foil-coated versions, reinforced foil-clad sheets, self-adhesive rubber sheets, as well as foil-faced and plain pipe sections. Additionally, laminated special surface coatings are offered for aesthetic and functional variations.

Bare DYNAFLEX RUBBER pipes are reinforced with aluminum lamination to provide maximum protection against outdoor conditions. The 60-micron thick composite aluminum foil cladding offers resistance to UV rays and delivers exceptional insulation. Requiring no additional cladding, it offers both aesthetic and economic advantages, making it an ideal choice for a wide range of projects



DYNAFLEX RUBBER rubber foam is a preferred insulation material in sustainable buildings due to its high fire resistance, sound insulation, UV resistance, aesthetic appearance, and ease of application. Its condensation-preventing properties particularly contribute significantly to energy efficiency.



Rubber Tube Sizes

Rubber Sheet Sizes

Thickness	Rubber roll quantities/m ²		
	100 cm	120 cm	150 cm
3 mm	60	72	90
6 mm	30	36	45
9 mm	20	24	30
13 mm	14	16,8	21
19 mm	10	12	15
25 mm	8	9,6	12
32 mm	6	7,2	9
40 mm	4	4,8	6
50 mm	4	4,8	6

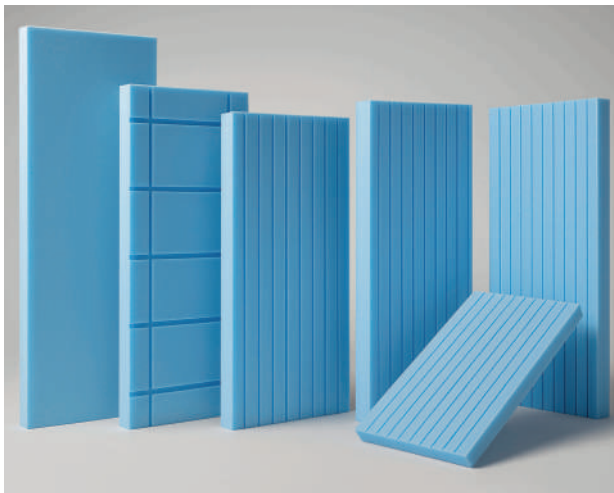
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XPS Foam Thermal Insulation Products

XPS (Extruded Polystyrene) thermal insulation boards are high-performance insulation materials that enhance energy efficiency, improve comfort, and contribute to environmental sustainability. Produced under the DYNAFOAM BOARD brand, XPS boards stand out with their low thermal conductivity, water resistance, high compressive strength, and long-lasting durability. They are used in a wide range of applications including walls, roofs, floors, foundations, cold storage, and under parquet flooring, effectively preventing thermal bridges and thereby avoiding condensation, mold, and moisture problems.

Technical Specifications:

- Operating Temperature: -50 °C / +75 °C
- Density: 20–32 kg/m³
- Thermal Conductivity (10°C): $\lambda = 0.035 \pm 5\%$ W/m·K
- Water Vapor Diffusion Resistance: $\mu > 100-200$
- Fire Classification: Class E (EN 13501-1)

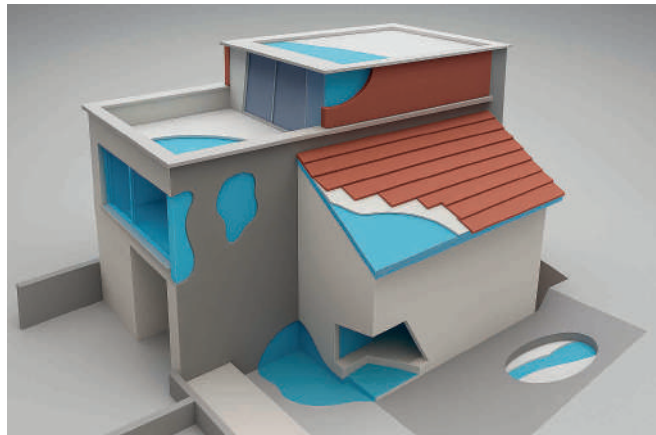


Product Types:

- Thermal Insulation Boards
- Under-Tile Thermal Insulation Boards
- Frigo Panel Boards
- Decorative Brick Boards
- Sandwich Panel Boards

With its lightweight structure, easy installation, and various thickness and surface options, it offers design and application flexibility. Additionally, by reducing greenhouse gas emissions, it provides an environmentally friendly solution. DYNAFOAM BOARD is the foundation of proper insulation, profitable investment, and healthy living both in residential spaces and industrial buildings.

Effective insulation must be applied in buildings to balance heat gains and losses. This is because the amount of energy spent to maintain comfort during both summer and winter can only be reduced with proper insulation. Insulation should be applied to many areas such as exterior walls, roofs, floors, windows and frames, plumbing, and ventilation systems, thereby achieving 25–50% energy savings. .



DYNAFOAM BOARD XPS thermal insulation boards, which stand out with their high performance, offer an ideal solution for many areas from roof to floor. Presented with the slogan “Proper Insulation, Profitable Solution,” these products provide reliable, sustainable, and efficient insulation for both users and installers.

Presented with the slogan “Proper Insulation, Profitable Solution,” these products provide reliable, sustainable, and efficient insulation for both users and installers.

Product Sizes

Thickness (mm)	Standard Sheet Dimensions (mm)	Sheet (pcs)	Package Quantities (m ³)
20	600x1200	20	0,2880m ³
30	600x1200	14	0,3024m ³
40	600x1200	10	0,2880m ³
50	600x1200	8	0,2880m ³
60	600x1200	7	0,3024m ³
70	600x1200	6	0,3024m ³
80	600x1200	5	0,2880m ³

The values shown in the table apply to standard products. Please contact us for information regarding different thicknesses and dimensions.

**Product surfaces are available in smooth, textured, and grooved textured finishes.

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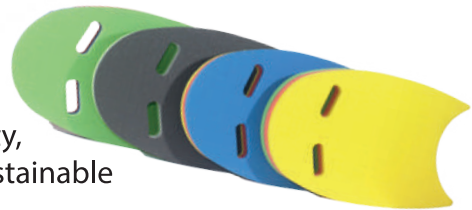
XPE Cross-Linked Polyethylene Foam Insulation Products



Technical Specifications:

Operating Temperature: -40 °C / +100 °c
 Density : 20-200 kg/m³
 Thermal Conductivity (0°C): λ = 0,035
 Water Vapor Diffusion Resistance μ > 4000
 Fire Classification (EN 13501-1)
 Sound Insulation: 29 dB

Dynafoam Xpe (cross-linked polyethylene) foam is an advanced technology material that offers excellent solutions for insulation needs in both construction and industrial applications, thanks to its superior thermal and mechanical properties. Its closed-cell structure ensures water and moisture resistance, while delivering high performance in thermal and acoustic insulation. With its lightweight, flexibility, and antibacterial properties, it provides both comfort and hygiene. Dynafoam Xpe products are commonly used under screed and under parquet flooring with a wide range of applications—from interior wall coverings and HVAC systems to automotive, medical, and sports equipment. Thanks to its impact absorption, formability, and long lifespan, it is an essential component of sustainable insulation solutions.

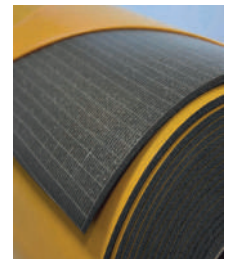


Standard Product Sizes

Sizes	Thickness (mm)	3	5	8	10	15	20
	m ² /roll	100	60	50	40	30	20

Production can be customized in different sizes and densities up to a maximum width of 200 cm upon customer request. Thickness is available in the range of 3 mm to 120 mm. The standard color is grey; please contact us for other color options.

Plain XPE foam types are preferred for general-purpose insulation applications, while aluminum foil-coated versions offer extra protection in areas exposed to sunlight and outdoor conditions, thanks to their high heat reflectivity. Self-adhesive XPE foams provide the advantage of quick and easy installation, saving both time and labor. Additionally, special production options are available, including PET film-coated, fabric-reinforced, PVC-laminated, and double-layered alternatives.



Frigo Air Conditioner Insulation Pipe

The Frigo special pipe series offers high temperature resistance up to 120°C. Thanks to its electron beam cross-linked XPE foam structure, it ensures low heat loss and high mechanical strength. The UV-resistant embossed film coating on the outer surface extends the product's lifespan, while its multi-layered structure maximizes energy efficiency. Frigo air conditioner special pipes are produced in 3 tandem configuration in the following sizes: 8/9 mm, 11/9 mm, 14/9 mm, and 18/9 mm.



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PE Polyethylene Foam Insulation Products



Technical Specifications:

Operating Temperature :-45 °C / +100 °C
 Density: 26-435 kg/m³
 Thermal Conductivity (0°C): $\lambda \leq 0,049$ W/m-K
 Fire Classification: E Class (EN 13501-1)
 Sound Insulation: 37 dB

DYNAFLEX PE pipe and sheet insulation materials made from polyethylene foam are durable and versatile products widely used in pipe insulation, central heating systems, solar energy systems, cooling systems, and the insulation of tanks, valves, and flanges. Offered with various cladding options such as aluminum foil, metalized film, tape, and plastic film, this material is lightweight, flexible, and easy to apply, making it an ideal insulation solution for both residential and industrial facilities. Polyethylene foam delivers high performance in preventing heat loss, avoiding condensation, and enhancing energy efficiency, while also standing out for its eco-friendly properties. DYNAFLEX PE products offer a wide range of advantages, including fire resistance, sound insulation, hygienic use, and aesthetic appearance, and come in a broad product range including aluminum foil-coated, PVC-coated, self-adhesive, and double-sided options to meet every need.



Polyethylene Pipe Sizes

Product Types:

- Polyethylene Pipe (plain, foil-coated, metalized, film-coated)
- Polyethylene Sheet (plain, foil-coated, self-adhesive, metalized-coated)
- Polyethylene Rolls (Blankets)
- Polyethylene Bags
- Polyethylene Boards

Polyethylene Sheet Sizes

Thickness (mm)	3	5	6	8	10	15	20	30	40	50
m ² /roll	100	60	60	50	40	30	20	15	10	8

Edge Insulation Tape

Edge insulation tape prevents heat loss in underfloor heating systems, enhancing energy efficiency. It is easy to apply thanks to its adhesive backing. Made from closed-cell PE-LD foam, it creates a flexible joint and defines the areas. It is a high-quality, durable, and effective insulation solution.

product code	thickness (mm)	height (mm)	length (m)	roll (piece)	total (m)
3BF05700	5	70	25	14	350
3BF05100	5	100	25	14	250
3BF05150	5	150	25	6	150
3BF08700	8	70	20	14	280
3BF08100	8	100	20	14	230
3BF08150	8	150	20	6	120
3BF10700	10	70	15	14	210
3BF10100	10	100	15	10	150
3BF10150	10	150	15	6	90



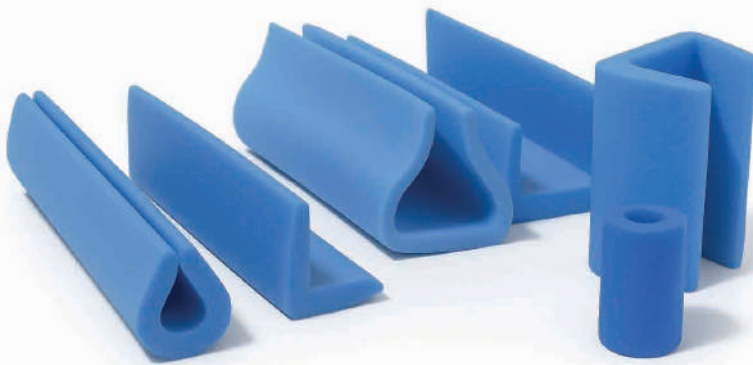
Joint Filler Rod

Dynafill is a polyethylene-based filler product resistant to UV and chemicals. It is compatible with sealants such as silicone, acrylic, and thiokol. It is used to support insulation in gaps around doors, windows, joints, and expansion gaps. The rod form is produced in diameters ranging from 10 to 70 mm, while the strip form is available in thicknesses of 1 to 100 mm and widths of 1 to 100 cm, customizable to special sizes.



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Polyethylene Foam Packaging Products



Technical Specifications:

Operating Temperature: $-45^{\circ}\text{C} / +100^{\circ}\text{C}$
Density: $26\text{--}435\text{ kg/m}^3$
Thermal Conductivity(0°C): $= 0,049\text{ W/m}\cdot\text{K}$
Fire Class: E Class (EN 13501-1) Sound
Insulation: 37 dB

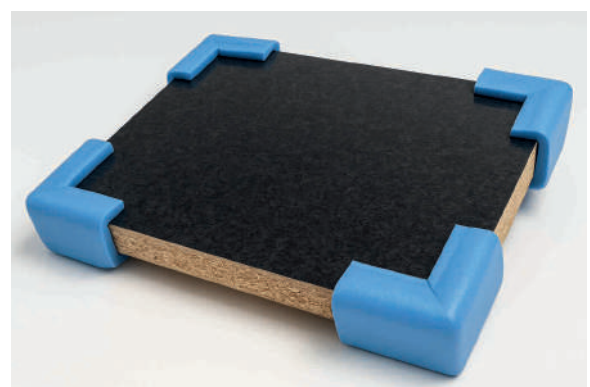
DYNAPROFIL polyethylene foam packaging products are high-performance packaging solutions specially developed to protect delicate surfaces and fragile materials against impacts, scratches, vibrations, and crushing. These products stand out for their lightweight, flexible, and easy-to-process structure. Made from PE (polyethylene) foam material, they are available in various shapes and sizes to meet the needs of different industries.

The product range includes a wide variety of cross-sectional shapes such as U, L, O, C profiles, as well as single-arm and double-branch forms. These shapes provide excellent protection for the edges, corners, and surfaces of products made from materials like glass, ceramics, MDF, wood, metal, and plastic. Especially during transportation, shipping, and storage processes, they prevent surface damage, minimizing cost losses and increasing customer satisfaction.

Thanks to the impact-absorbing property of polyethylene foam, the protection of packaged products against physical shocks is maximized. Additionally, its water-resistant, chemical-resistant, and non-toxic structure allows it to be safely used in hygienic conditions.

DYNAPROFIL products are an eco-friendly choice due to their recyclable nature and align with sustainable production principles. Their flexible form, which facilitates easy application, makes them suitable for use in both manual and automated packaging lines.

Dimensions: Produced in thicknesses ranging from 10 mm to 100 mm and in various cross-sectional shapes to meet different protection needs. Standard product lengths are typically 1 meter, but custom sizes can also be manufactured upon customer request for special applications.



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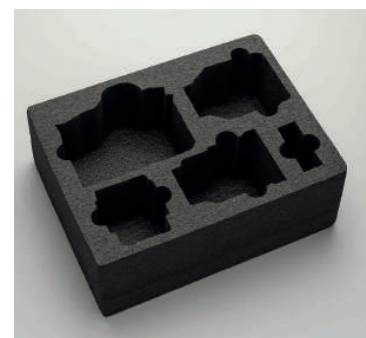
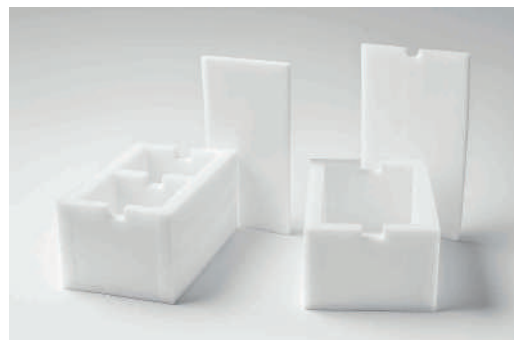
Industrial Custom-Made Products

Our company produces a wide range of industrial custom-cut product solutions with high precision and quality, tailored to the needs of various sectors. Using materials such as rubber, XPE, and PE, manufacturing is carried out according to desired dimensions, shapes, and technical specifications, ensuring full compatibility with customer-specific projects.



Custom-Made Packaging Products

Our company produces specially designed packaging solutions that provide superior protection tailored to the needs of different industries. With a wide range of products—including thermal insulated bags, cut-form foam supports for delicate items, and protective mesh packaging against impacts—we enable the safe transport and storage of food, electronics, glass, and other fragile materials. These customizable products offer maximum safety and aesthetic appeal throughout logistics processes.



Tapes

EVA and Polyethylene Tapes

EVA tape is an effective insulation product used to ensure airtightness at ventilation ducts and flange joints. Thanks to its laminated self-adhesive backing, it offers easy application and provides long-lasting sealing performance with strong adhesion. EVA tapes are produced in various sizes and dimensions and are supplied in 10-meter rolls, making them a reliable insulation solution especially preferred in industrial and commercial facilities.



EPDM-Neopren-Rubber Tapes

This rubber material, produced with a closed-cell structure and a density range of 75 to 130 kg/m³, is based on NBR-SBR polymers. It is available in both adhesive and non-adhesive options. Manufactured in various thicknesses and widths upon request, this product has a wide range of applications including sealing, shock absorption, vibration reduction, and insulation.



Aluminium Tapes

Aluminum foil tapes, used to seal joints and gaps that occur during the installation of aluminum foil-coated rubber pipes and sheets, are produced in standard widths of 5 cm, 7.5 cm, and 10 cm. They are available in both plain adhesive and mesh-reinforced options to suit different adhesion needs.



PVC Tapes

Black PVC tapes are preferred for sealing joints and gaps that occur during the installation of uncoated rubber insulation products.

Industrial Coating Adhesive

It is used for bonding insulation products such as rubber foam and polyethylene, securing acoustic panels and pipes for sound insulation, bonding materials like sponge, fabric, felt, as well as wood and decorative laminates, rubber, leather, cork, and for applying coatings on hard PVC, edges, and curved surfaces. Available in 15 kg and 3 kg packaging.



Acoustic Insulation Products



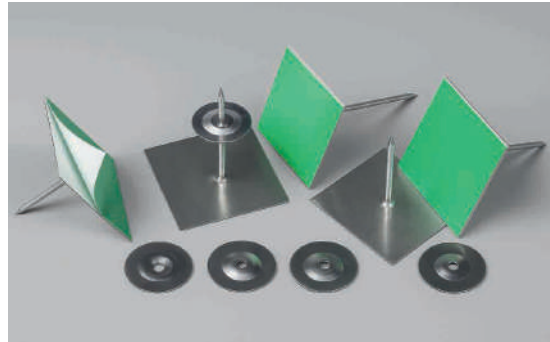
Dyna Acoustic is a widely used polyurethane-based material with a lightweight and flexible structure for sound insulation and acoustic treatment. It delivers high performance in sound absorption and sound barrier applications, especially in cinemas, studios, restaurants, offices, theaters, and acoustic cabins.

Despite its low-density structure, the product's features enhance sound absorption and can be manufactured in profiled (pyramid) or flat-cut forms. Additionally, it offers self-adhesive options for easy installation. Dyna Acoustic provides densities ranging from 50 to 70 kg/m³ and thickness options from 15 mm to 60 mm.

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Accessories

Dyna Pim insulation hanger pins are a special mounting solution that can be easily applied to flat surfaces without the need for any additional equipment. Thanks to its pressure-sensitive adhesive foam base, it provides ease of application by creating a permanent bond between the mounting surface and the insulation material.



It is used for fixing many insulation materials such as glass wool, rock wool, polyurethane foam, cork board, polystyrene, polyethylene to the surface. The lower sheet of the hanger pin is made of galvanized material and the nail is made of aluminum material. Insulation hanger pins provide effective performance at temperatures between -10°C and +80°C. It is recommended that the application surface temperature be above 10°C to ensure ideal adhesion.

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PVC Based Insulation Coating Products



It is an aesthetic and durable coating solution for insulated pipes and ducts, providing excellent protection against external factors. It serves as a cost-effective alternative to galvanized or aluminum coatings in both indoor and outdoor applications such as air conditioning ducts, valves, and flanges. It is safely used in hygiene-sensitive areas and offers UV resistance.

Dimensions: PVC insulation coating sheets are typically supplied in roll form measuring 1,000 mm x 20,000 mm, with thicknesses ranging from 0.35 mm to 1.00 mm.

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Ceramic Wool Insulation Products

Ceramic Fiber Blankets provide effective insulation solutions for industrial areas exposed to high temperatures. These products perform well across a wide temperature range and offer long-lasting durability, remaining unaffected by humid, steamy, oily, and acidic environments.



Thanks to their inorganic structure, these blankets are harmless to human health and can withstand temperatures between 1260°C and 1430°C. Ceramic fiber blankets are produced in densities ranging from 96 to 128 kg/m³ and in various thicknesses, providing reliable insulation solutions even under harsh conditions.

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Rock Wool Insulation Products



Stone wool insulation boards are eco-friendly and reliable insulation materials produced by melting basalt rock at 1350–1400°C and converting it into fibers. They offer superior thermal, acoustic, and fire insulation properties. Manufactured in various densities and thicknesses, stone wool boards are used in roofs, facades, partition walls, industrial buildings, under-screed applications, and pipe insulation, providing both energy savings and enhanced fire safety. With density options ranging from 40 kg/m³ to 150 kg/m³, they deliver highly effective sound

absorption, acoustic regulation, and mechanical strength. Stone wool stands out as one of the most effective and versatile options in sustainable insulation.

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Glass Wool Insulation Products

Glass wool is a fire-resistant and versatile insulation material produced by turning silica sand into fibers at high temperatures. It is used for thermal, acoustic, and sound insulation and can withstand temperatures up to +250°C. It is mold-resistant, non-corrosive, lightweight, and environmentally friendly. Glass wool is commonly preferred for roofs, walls, HVAC, and facade systems.



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Logistics Data



PRODUCT TYPE	40 HQ/HC Container 75 m ³ - 80 m ³	Truck 80 m ³ - 90 m ³	Truck 45 m ³ - 55 m ³
Rubber Tube	244 Boxes	300 Boxes	150 Boxes
Rubber Sheet (100 cm)	300 Rolls	310 Rolls	160 Rolls
Rubber Sheet (120 cm)	250 Rolls	280 Rolls	150 Rolls
Polyethylene Tube	150 Package	160 Package	80 Package
Polyethylene Sheet	130 Rolls	140 Rolls	75 Rolls
Polyethylene Profile	150 Package	160 Package	80 Package
XPE Sheet	160 Rolls	170 Rolls	75 Rolls
XPS Sheet	67 m ³	72 m ³	38 m ³

who are we ?

Dinamik Isı, which started its business in 1991 as a contractor for mechanical installation applications, has expanded its business especially in the field of insulation and has been providing service for 34 years as a dealer, distributor, importer, representative, industrialist and finally manufacturer.

Our company stepped into the insulation sector in 1993 and specialized in this field. As of 1994, it liquidated its other branches of activity and started to specialize only in insulation and guided investors by adopting an innovative approach in the sector with the "Insulation Consultancy Centers" it established in Izmir in 1997 and in Denizli in 1999.

With the investment decision we made in 2003, we gained our industrialist identity by starting to produce CLIMAFLEX Polyethylene Insulation materials and DYNAJACKET Valve and Armature Jackets in 2004. In the same year, we started to import Elastomeric Rubber Foam insulation products used in the Heating, Cooling and Air Conditioning sectors and made it a long-term business plan to produce this product in the future.

In the second year of our production, we registered the importance we give to quality by obtaining the ISO 9001:2000 Quality Management System certificate and updated it to the ISO 9001:2008 version in 2010. We doubled our production capacity in polyethylene products by commissioning the second production line in 2006. We started exporting with the DYNAFLEX brand in 2007 and were awarded the "Company with the Highest Increase in Exports" award by the Aegean Regional Chamber of Industry in 2008.

In 2010, we proved our sensitivity to the environment and received the ISO 14001 Environmental Management System certificate. In 2015, we switched to the Integrated Management System and implemented the OHSAS 18001 Occupational Health and Safety Management System within our organization.

We completed our Elastomeric Rubber Foam Production Facility, which we planned in 2004, tried in 2009 and 2013 but postponed each time for important reasons, and started mass production in 2021.

By 2020, we have put the foundations of institutionalization efforts in place and provided a transparent, auditable, accountable business model that complies with international ethical codes.

As a result, Dinamik Isı, which has set itself the goals of being easily manageable in all business processes and being listed on Borsa Istanbul within 5 years to support all these processes, accomplished this in August 2020 and went public on Borsa Istanbul and its shares started to be traded on the stock exchange with the code DNISI on September 3, 2020.

We started to produce electricity by establishing a 4513 KWp Solar Power Plant (SPP) on the 31,600 square meter roof area of our production facilities consisting of a total of 6 buildings. We currently meet all of the electrical energy needs of our facilities from our own SPP Plant.

With 34 years of experience and a product range of over 4,000 products produced in our modern production facilities, we continue to produce and create added value for our country. We continue to grow by adding a new one to our investments every day and walk towards the future with confidence.

Dinamik Isı A.Ş. Production Complex



Storage and Logistics Facility

Polyethylene Foam Production Facility

Converting Facility

Rubber Foam Production Facility

XPS Foam Production Facility

XPE Foam Production Facility

Our company continues its production activities for insulation and packaging purposes in a total area of 55,000 square meters, consisting of 5 production facilities and 1 central warehouse. Our product range includes Polyethylene Foam (PE), Extruded Polystyrene Foam (XPS), Cross-linked Polyethylene Foam (XPE), and Elastomeric Rubber Foam. In addition, we also manufacture custom-designed industrial products tailored to customer requirements.



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