

MİRCEK

Sound Insulation Jackets



MİR  **Insulation**
DEFENCE · AVIATION · SPACE · HVAC
Insulation and Composite Products

MİRCEK[®]
Removable Insulation Covers

No energy, no life!

www.mirizolasyon.com



No Energy, No Life!

The efficient use of all kinds of energy, which is the result of the rapid depletion of natural resources, has now become essential. Reducing energy losses to a minimum is also a very technical and important issue. Our company "Mir Isolation" was established in Ankara-Turkey in 2003 in order to perform production within this current and important "energy saving industry".

Our company, which is the producer and exporter with its identity, continues to produce solutions with innovative innovations in its field.

Valves, fittings, heat exchangers, pipes, etc. are used for insulation of heat energy and energy saving. Mir Insulation produces heat insulation jackets for all equipments; "MIRCEK HEAT INSULATING JACKETS" under the warranty brand under the sales and after-sales services continues successfully.

In addition to this, our company produces production of **WALL COMPANY, PVC VALVES, HEATER WIRING JACKETS, HEAT TRACING and APPLICATIONS.**

► Mir Isolation "Business" Values



- The goal for us; increasing success + what we call "real existence" + increased reputation + increased investment + increasing value-added cycle.
- Mir Isolation aims to be an innovator, to use and even produce technology, to provide added value in the country and world, to increase its employment and to have a norm in the sector.
- Mir Insulation owns, educates, develops, sees staff under the employment roof. All the staff of Mir Isolation were not aware of the "flag".
- Mir Insulation gives importance to the following four concepts; HONESTY – SOLUTION – SPEED – QUALITY THE VALUES TURNING AN INSULATION JACKET INTO "MIRCEK"

► Quality The Values Turning An Insulation Jacket Into "Mircek"

FIELD STUDY

Making dimensional and temperature measurements with on-site exploration

EXPERT ENGINEERING

The most effective way to prevent heat loss and gain of the layer materials, structure, thickness, technical choices in terms of density,

DESIGN

It is not a standard model and mold, but a formal, functional and careful design of the dimensional requirements

R & D

Everything is under the scope of AR-GE to ensure that the product is quality, lasting, affordable and aesthetically pleasing

INFORMATION

Including documents identifying the product name, code, quantity, diameter, type type on bulk packagings

SECURITY

The fact that the product has a safe shipping packaging system

ORIENTATION

Orientating and long-term product labeling system to be placed on each product

ADDED VALUE

To provide the product with instructions to ensure safety during installation and instructions to speed up the installation work

WARRANTY

Guaranteed product maintenance during the warranty period and for many years



Mircek Sound Insulation Jackets

Pumps, coolers, generators, etc., located in mechanical installations in buildings and industrial plants. "Sound Insulation Jackets" are produced to prevent the noise coming from the resultant equipment.

In addition to these;

Rail vehicles
Buses
Medical technology
Industrial plant
Treatment plants
Air conditioning - ventilation areas

Application areas are required in these areas.



Equipments of Mircek Sound Insulation Jackets

Chiller
Fans
Gas Pipes
Pump
Silencer
Container
Compressor
Centrifugal Machines
Input and Connection Pipes
Generator Cabinets
Partitions
Machine Cabins
Motor Cabins



Advantages of Mircek Sound Isolation Jackets

- 1- Has the appropriate details to damp high and low frequency sounds.
- 2- Acoustically optimized, ready-to-install products.
- 3- Resistant to adverse effects caused by external interactions with a wide variety of sound insulation types of sponge and various laminated coatings.
- 4- High flammability performance.
- 5- Resistant to high temperature.
- 6- Has low thermal conductivity.
- 7- It is suitable for use in hot and humid environments.
- 8- It is resistant against chemicals.
- 9- Soft tissue vibrations dampen and prevent other components in the installation from being adversely affected.
- 10- Reducing exhaust noise with sound insulation to the exhaust system helps to reduce the engine noise level in a certain range.
- 11- Vibrations that occur in the exhaust system and other machine components during operation of the engine can adversely affect components, especially due to space limitations. Thermal insulation jackets, noise risk due to vibration in the system, deformation of machine components, reduce the drop in operating performance.



The laminating variety of soundproofing sponges used in Mircek Sound Insulation Jackets responds to many technical requirements.

Polyester felt lamination sound insulation jackets have water, oil, fuel non-retention feature.

Our soundproof jackets made of acoustic sponges, which has the feature of being fireproof, also function as fire barriers.

Aluminized laminated sound insulation jackets have the property of reflecting the heat waves.

Used in Sound Insulation Jackets Technical Properties of Insulation Sponges

INSULATING MATERIAL	HEAT RESISTANCE (C)	HEAT CONDUCTIVITY (W/Mk)	THICKNESS (mm)
Melamine sponge	-50 / 180 C	10 C de-0,035	10-20-30-40-50 and project specific
Polyurethane sponge	-20 / 120 C	20 C de-0,048	6-15-20-25-50 and project specific



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