



MAXIMUM HEAT

MAXIMUM PROTECTION!

İZOCAM

GLASSWOOL NEEDED FELT OVEN BLANKET



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Binder-free, **High-Performance** Insulation Solution Engineered for Your Products!

Specially designed for oven cavities to deliver superior insulation performance at high temperatures, **İzocam Glasswool Needled Felt Oven Blankets** are flexible, white, and binder-free insulation material reinforced through a needling process.

They offer reliable insulation performance in areas with direct heat contact. Thanks to their dimensionally stable structure and low thermal conductivity, they ensure high energy efficiency. With their lightweight design, formability, and surface stability, they integrate seamlessly into mass production lines, enhancing both energy efficiency and product safety.



İzocam Glasswool Needled Felt Oven Blanket can withstand up to 500 °C in continuous service while maintaining its dimensional stability.

This makes it an ideal insulation solution for all types of cooking ovens.

Your reliable partner for oven **insulation solutions!**



For solution partners in industrial oven manufacturing:

- Be at the forefront of innovation.
- Introduce the most efficient cooking ovens to the market.
- Optimize your production processes.
- Increase in-plant efficiency.



For those integrating insulation solutions into oven technologies:

- Make a meaningful contribution to projects.
- Demonstrate your capacity to develop innovative solutions.
- Showcase your ability to offer a wide range of products and applications.



5 Good Reasons to Choose İzocam Glasswool Needled Felt Oven Blanket



Design the most energy-efficient cooking ovens.



Adopt greener production processes.



Make your ovens comfortable to use.



Ensure health and safety throughout the product lifecycle.



Benefit from customisation and easy processing.

Insulation plays a major role in improving the energy efficiency of ovens.

In oven manufacturing, insulation is one of the most effective ways to boost energy performance and achieve higher energy ratings. **İzocam Glass Wool Needled Felt Oven Blanket** delivers excellent thermal insulation at continuous operating temperatures of up to 500 °C. With a design that fits the oven body perfectly, it minimizes heat loss from the side and rear panels, thereby reducing overall energy consumption.

Greater efficiency with less energy!

In cooking ovens, comfort is directly tied to efficiency.



Everything You Need to Know About İzocam Glasswool Needled Felt Oven Blankets!

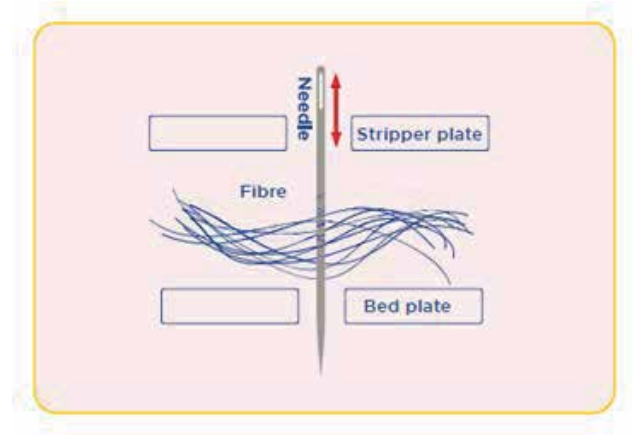
İzocam Glasswool Needled Felt Oven Blanket retain their form at high temperatures and delivers reliable thermal insulation in industrial processes thanks to their mechanically reinforced structure. Their design, suitable for direct-contact applications, ensures safe and user-friendly handling.

İzocam Glasswool Needled Felt Oven Blanket come in aluminum foil (AF) faced and unfaced options for flexible use. The AF facing provides additional surface protection, extends product life, and offers ease of handling and installation thanks to its lightweight and flexible structure.

İzocam Glasswool Needled Felt Oven Blanket are manufactured in both punched and unpunched versions and in customized dimensions to meet specific application requirements.

Action of a barbed needle

During the needling process, glass wool fibers are mechanically interlocked by barbed needles, creating a compact and dimensionally stable product.



Flexible product options for a variety of uses!

Available in thickness from 13 to 40mm.

Available in roll form or as custom-sized panels.



Packaging material:

The products are delivered in cardboard boxes.

Thermal Conductivity (EN 12667)

Name	10 °C	100 °C	200 °C	300 °C	400 °C	500 °C
Needled Felt 40/30	0,031	0,049	0,072	0,093	0,133	0,186
Needled Felt 50/20	0,031	0,045	0,064	0,082	0,113	0,152
Needled Felt 70/15	0,031	0,042	0,058	0,075	0,101	0,135
Needled Felt 100/15	0,031	0,036	0,048	0,070	0,091	0,116

Withstands continuous use at temperatures up to 500 °C.



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