



☎ : 905-487-3428 🌐 : www.acmetex.com Warehouse Location: Toronto • Edmonton

Fiberglass Insulation Mat
FGMAT

Description:

Acmetex FGMAT is a specially designed insulation mat made from ultrafine fiberglass fibers. It is designed to trap air pockets within the material, which slows down the transfer of heat, providing effective thermal insulation. Fiberglass insulation works by reducing heat transfer through conduction, convection, and radiation. The trapped air pockets within the insulation material slow down the movement of heat, making it an effective thermal barrier. This insulation mat is not only effective and versatile but is also a cost-effective solution for your insulating needs.

Advantages:

- High insulator properties
- Non-respirable
- Incombustible
- Asbestos free
- No resinous materials
- No inorganic materials

Applications:

- Welding blanket/curtains
- Expansion joints
- High temperature insulation
- Heat shield/containment
- Gaskets & over-door seals
- Removable insulation cover

Property Data
FGMAT

Base cloth content/weave	100% E-Fiberglass fibers
Density	9 – 11# Cu. Ft.
Thickness	½", 1"
Temperature resistance	Maximum temperature: 1200°F (648°C) Continuous temperature: 1000°F (540°C) Melting point: 1523°F (828°C)
Size	60" x 45' roll

Thermal Conductivity "K" Factor

Temperature	6-7#	9-11#
300 °F (148°C)	.292	.35
500 °F (260°C)	.350	.48
700 °F (371°C)	.445	.64

To the best of our knowledge, the information contained herein is accurate. However, due to many variables in its end use, it is the end user's responsibility to review this information and determine if they are appropriate. No warranty, either expressed or implied, is hereby made. Users should also familiarize themselves with the SDS before handling.