



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

Silica Insulation Mat
SilicaMat

Description:

Acmetex Silica Insulation Mat is a specially designed needled silica insulation mat that has undergone a secondary pre-shrinking procedure. The mechanically bonded amorphous silica fibers used make it well suited to usage in a wide range of critical high-temperature aerospace, automotive, and industrial applications. In addition to its wide variety of applications, this silica insulation mat is environmentally friendly as it contains no harmful Refractory Ceramic Fibers. It can be easily fabricated into a range of textile parts to do its ease of handling and strength properties. The pre-shrinking process results in an insulation that will exhibit very minor shrinkage when used in high-heat applications.

Advantages:

- High heat resistance
- High chemical resistance
- Lightweight and low-density
- Moisture resistance
- Durable
- Environmentally friendly

Applications:

- Aerospace industries
- Automotive industries
- Industrial applications
- Building and construction
- Appliances and electronics
- Power generation

Property Data
SilicaMat

Base cloth content/weave	>96% Silica Content
Fabric finish/Color	White
Temperature resistance	2000°F (1093°C)
Areal shrinkage	<4%

Product	Thickness	Density	Width	Roll Length	Area
SilicaMat6	0.25"	9	36"	116'	350 SQFT
SilicaMat12	0.50"	9	36"	58'	117 SQFT
SilicaMat24	1.00"	9	36"	34.33'	103 SQFT

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.