THERMAL PROTECTION PRODUCTS & THERMAL BARRIERS

ThermalMat-1000S

Wrappable Thermal Solution

The **ThermalMat-1000S** is comprised of:

- 17 oz Silicone Coated Fiberglass
- ½" Fiberglass Mat
- 18 oz Silica Cloth
- Coated Fiberglass Thread

DESCRIPTION: Constructed of durable materials, this wrap is designed to handle up to 1000 °F of continuous heat while its exterior is excellent for fuel spills and UV performance. **ThermalMat-1000S** is an excellent solution for maintaining proper gas temperatures and touch protection. Stainless Steel mesh can be added if vibration or mechanical abrasion is a concern.

Material	Silicone-Coated Fiberglass	½" Fiberglass	18 oz Silica Cloth
Construction	Fiberglass with Silicone Rubber Coating	Nonwoven Fiberglass	Woven Silica
Thickness	.018 in + .001 in	.3750 in / .6250 in	.030 / .75 in/mm
Continuous Temp. Rating	500 °F	1200 °F	1800 °F
Density		9 lbs	
Width	60 in Nominal	60 in Nominal	36 inm Nominal
Thermal Conductivity		.65 at 700 °F	
Tensile Strength	325 lbs/in Min		
Weight	17oz/sy ±10%	5.4oz/ft^2 - 6.60 oz/ft^2	18 oz/ft^2

Material	Coated Fiberglass Thread
Strength	25 lbs
Operating Temperature	550 °C

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THERMAL PROTECTION PRODUCTS & THERMAL BARRIERS

ThermalMat-1000T

Wrappable Thermal Solution

The **ThermalMat-1000T** is comprised of:

- 16.5 oz Grey Teflon Coated Fiberglass
- ½" Fiberglass Mat
- 18 oz Silica Cloth
- Coated Fiberglass Thread

DESCRIPTION: Constructed of durable materials, this wrap is designed to handle up to 1000 °F of continuous heat while its exterior is excellent for fuel spills and UV performance. **ThermalMat-1000T** is an excellent solution for maintaining proper gas temperatures and touch protection. Stainless Steel mesh can be added if vibration or mechanical abrasion is a concern.

Material	Grey PTFE	½" Fiberglass	18 oz Silica Cloth
Construction	Woven Fiberglass and PTFE Resins	Nonwoven Fiberglass	Woven Silica
Thickness	.016 in Nominal	.3750 in / .6250 in	.030 / .75 in/mm
Continuous Temp. Rating	600 °F	1200 °F	1800 °F
Density		9 lbs	
Width	60 in Nominal	60 in Nominal	36 inm. Nominal
Thermal Conductivity		.65 at 700 °F	
Tensile Strength	410 lbs		
Weight	16.5 oz/sy ±10%	5.4 oz/ft^2 - 6.60 oz/ft^2	18 oz/ft^2

Material	Coated Fiberglass Thread
Strength	25 lbs
Operating Temperature	550 °C

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THERMAL PROTECTION PRODUCTS & THERMAL BARRIERS

ThermalMat-1800S

Wrappable Thermal Solution

The **ThermalMat-1800S** is comprised of:

- 17 oz Silicone Coated Fiberglass
- ½" Silica Mat
- 18 oz Silica Cloth
- Coated Fiberglass Thread

DESCRIPTION: Constructed of durable materials, this wrap is designed to handle up to 1800 °F of continuous heat while its exterior is excellent for fuel spills and UV performance. **ThermalMat-1800S** is an excellent solution for maintaining proper gas temperatures and touch protection. Stainless Steel mesh can be added if vibration or mechanical abrasion is a concern.

Material	Silicone Coated Fiberglass	½" Silica Mat	18 oz Silica Cloth
Construction	Fiberglass with Silicone Rubber Coating	Nonwoven Silica	Woven Silica
Thickness	.018 in + .001 in	.54 in	.030 / .75 in/mm
Continuous Temp. Rating	500 °F	2000 °F	1800 °F
Density		8 lbs	
Width	60 in Nominal	60 in Nominal	36 inm Nominal
Thermal Conductivity		3.0 at 1800 °F	
Tensile Strength	325 lbs/in Min		
Weight	17 oz/sy ±10%	5.3 oz	18 oz/ft^2

Material	Coated Fiberglass Thread
Strength	25 lbs
Operating Temperature	550 °C

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THERMAL PROTECTION PRODUCTS & THERMAL BARRIERS

ThermalMat-1800T

Wrappable Thermal Solution

The **ThermalMat-1800T** is comprised of:

- 16.5 oz Grey Teflon Coated Fiberglass
- ½" Silica Mat
- 18 oz Silica Cloth
- Coated Fiberglass Thread

DESCRIPTION: Constructed of durable materials, this wrap is designed to handle up to 1800 °F continuous heat, while its exterior is excellent for fuel spills and UV performance. **ThermalMat-1800T** is an excellent solution for maintaining proper gas temperatures and touch protection. Stainless Steel mesh can be added if vibration or mechanical abrasion is a concern.

Material	Grey PTFE	½" Silica Mat	18 oz Silica Cloth
Construction	Woven Fiberglass and PTFE Resins	Nonwoven Silica	Woven Silica
Thickness	.016 in Nominal	.54 in	.030 / .75 in/mm
Continuous Temp. Rating	600 °F	2000 °F	1800 °F
Density		8 lbs	
Width	60 in Nominal	60 in Nominal	36 inm Nominal
Thermal Conductivity		3.0 at 1800 °F	
Tensile Strength	410 lbs		
Weight	16.5 oz/sy ±10%	5.3 oz	18 oz/ft^2

Material	Coated Fiberglass Thread
Strength	25 lbs
Operating Temperature	550 °C

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