

HOW DO I CHOOSE THE RIGHT WELDING BLANKET FOR THE JOB?

With so many different materials, sizes and functions, it's very difficult to decide what type of welding blanket you might need for the job. When you are unsure of the right style for you, it's good to start with some basic questions:

What constant, intermittent, and melting temperature are you working with?

- **Constant Temperature**—The maximum temperature a blanket can withstand for the entire duration of the application. Sometimes this is referred to as "service temperature" or "working temperature."
- **Intermittent Temperature**—The temperature the fabric can withstand for short durations without damage.
- **Melting Temperature**—The temperature where the fabric is physically damaged due to prolonged exposure.

What should I know about different fiberglass coatings?

There are many different coatings available each with its own specific properties. Listed below are some of the most common styles:

Acrylic

- Enhanced abrasion and tear resistance
- Soft to the touch

Silicone

- Resistant to oil and chemicals
- Non-slip surface
- Very flexible

Carbon Fiber Felt

- Easy to cut and can conform to complex curves
- Lightweight and soft material

Vermiculite

- Advanced abrasion resistance
- Can be used without gloves

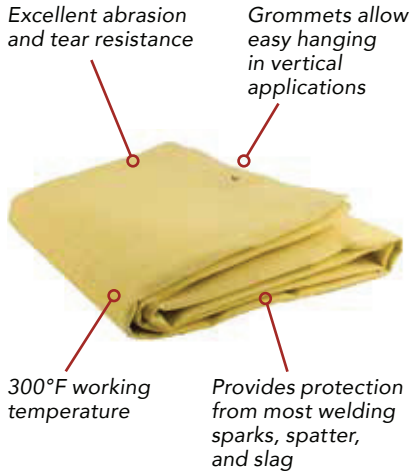
Which welding blankets are best for vertical and horizontal use?

Lighter duty welding blankets can be used vertically to offer protection against welding sparks and slag. If you are using a blanket horizontally or flat, it is recommended to use a heavier-duty blanket with a higher melt temperature as the spatter has the potential to rest directly on the material.



		Light Duty		Medium Duty		Heavy Duty	
PRODUCT SERIES	Welding Curtains	Acrylic Coated Fiberglass Blankets	Uncoated Fiberglass Blanket	Silicone Fiberglass Blankets	Vermiculite Blankets	Silica Cloth Blankets	Carbon Felt
Heat Resistant Temp	150°F	300°F	1000°F	500°F	1200°F	1800°F	1800°F
Colors	Gold, Orange/Red, Green, Blue (custom only)	Red and Yellow	White	Dark Red	Black	White	Black
Weight	13 oz.	16 oz. or 23 oz.	18 oz. or 24 oz.	32 oz.	24 oz.	18 oz.	16 oz.
Applications	Used in majority of welding environments to protect non-welders from UV rays	Slag resistance, spark resistance and incidental resistant to flames from cutting torches	Heat treating, low thermal conductivity, anti corrosion, and is a base material for coating, impregnating and laminating	Water resistant, oil-resistant and chemical resistant	Abrasion resistance, thermal barrier	Used for thermal and high heat requirements; can be used at 1800°F, melting pt 3000°F	Scratch resistant, flexible, used heavily in thermal insulation
Stress relief—up to 1700°F						✓	✓

NOTE: Temperatures and applications are intended as a guideline only and not a guarantee of performance. SureWex recommends the use of welding blankets in multiple layers to attain proper molten metal and radiant heat protection. It is the user's responsibility to monitor the activity and use of blankets/high-heat materials at all times. The user must inspect the blankets before use. Abnormal wear and tear should be removed from service.



**Custom Size
Blankets Available**

LIGHT DUTY PROTECTION

Welding Blankets Acrylic Coated Fiberglass

PRODUCT NO.	Product Type	Width	Length	Weight (per sq yd.)	Thickness	Color
36148	Roll	3' (.9m)	150' (45.8m)	16 oz.	0.02"	Red
36149	Roll	5' (1.5m)	150' (45.8m)	16 oz.	0.02"	Red
36150	Roll	6' (1.8m)	150' (45.8m)	23 oz.	0.034"	Yellow
36151	Roll	5' (1.5m)	150' (45.8m)	23 oz.	0.034"	Yellow
36162	Blanket	10' (3.0m)	10' (3.0m)	23 oz.	0.034"	Yellow
36163	Blanket	8' (2.4m)	10' (3.0m)	23 oz.	0.034"	Yellow
36171	Blanket	3.3' (1.0m)	150' (45.8m)	23 oz.	0.034"	Yellow
36293	Blanket	6' (1.8m)	6' (1.8m)	23 oz.	0.034"	Yellow
36308	Blanket	6' (1.8m)	8' (2.4m)	23 oz.	0.034"	Yellow
37192	Blanket	10' (3.0m)	10' (3.0m)	15 oz.	0.02"	Gray
37609	Blanket	8' (2.4m)	8' (2.4m)	23 oz.	0.034"	Yellow
Custom	Custom	Custom	Custom	23 oz.	0.034"	Yellow

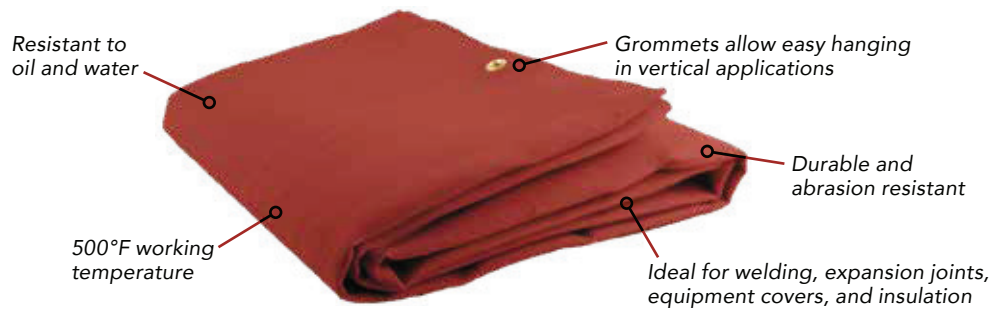
Welding Blankets Uncoated Fiberglass

PRODUCT NO.	Product Type	Width	Length	Weight (per sq yd.)	Thickness	Color
36144	Roll	3.3' (1m)	150' (45.8m)	18 oz.	0.028"	White
36145	Roll	5' (1.5m)	150' (45.8m)	18 oz.	0.028"	White
36146	Roll	5' (1.5m)	150' (45.8m)	24 oz.	0.028"	White
36147	Roll	3.3' (1m)	150' (45.8m)	24 oz.	0.028"	White
36159	Blanket	6' (1.8m)	8' (2.4m)	24 oz.	0.028"	White
36160	Blanket	6' (1.8m)	6' (1.8m)	24 oz.	0.028"	White
36161	Blanket	8' (2.4m)	10' (3m)	18 oz.	0.028"	White
36167	Blanket	10' (3m)	10' (3m)	18 oz.	0.028"	White
36290	Blanket	6' (1.8m)	6' (1.8m)	18 oz.	0.028"	White
36305	Blanket	6' (1.8m)	8' (2.4m)	18 oz.	0.028"	White
36364	Blanket	8' (2.4m)	8' (2.4m)	18 oz.	0.028"	White
Custom	Custom	Custom	Custom	18 oz.	0.028"	White

All high-temp fabrics are certified to meet ANSI/FM-4950

MEDIUM DUTY PROTECTION

Welding Blankets Silicone Coated Fiberglass



PRODUCT NO.	Product Type	Width	Length	Weight (per sq yd.)	Thickness	Color
36173	Roll	3.3' (1m)	150' (45.8m)	32 oz.	0.04"	Red
36174	Roll	5' (1.5m)	150' (45.8m)	32 oz.	0.04"	Red
36155	Blanket	6' (1.8m)	8' (2.4m)	32 oz.	0.04"	Red
36156	Blanket	6' (1.8m)	6' (1.8m)	32 oz.	0.04"	Red
37592	Blanket	10' (3.0m)	10' (3m)	32 oz.	0.04"	Red
Custom	Custom	Custom	Custom	32 oz.	0.04"	Red

Welding Blankets Vermiculite



PRODUCT NO.	Product Type	Width	Length	Weight (per sq yd.)	Thickness	Color
36152	Roll	6' (1.8m)	150' (45.8m)	24 oz.	0.03"	Black
36153	Roll	5' (1.5m)	150' (45.8m)	24 oz.	0.03"	Black
36154	Roll	3.3' (1.0m)	150' (45.8m)	24 oz.	0.03"	Black
36157	Blanket	8' (2.4m)	8' (2.4m)	24 oz.	0.03"	Black
36164	Blanket	10' (3m)	10' (3m)	24 oz.	0.03"	Black
36166	Blanket	8' (2.4m)	10' (3m)	24 oz.	0.03"	Black
36302	Blanket	6' (1.8m)	6' (1.8m)	24 oz.	0.03"	Black
36318	Blanket	6' (1.8m)	8' (2.4m)	24 oz.	0.03"	Black
Custom	Custom	Custom	Custom	24 oz.	0.03"	Black

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HEAVY-DUTY PROTECTION

Welding Blankets Silica Cloth

Pliable material can easily wrap around complex curves

1800°F working temperature

Grommets allow easy hanging in vertical applications

Protection from heavy duty slag and molten spatter

Ideal for use as a heat shield, furnace blanket, extreme welding applications, and other thermal barrier needs

PRODUCT NO.	Product Type	Width	Length	Weight (per sq yd.)	Thickness	Color
36165	Roll	3' (.9m)	150' (45.8m)	18 oz.	0.04"	Tan
36291	Blanket	6' (1.8m)	6' (1.8m)	18 oz.	0.04"	Tan
36306	Blanket	6' (1.8m)	8' (2.4m)	18 oz.	0.04"	Tan
Custom	Custom	Custom	Custom	18 oz.	0.04"	Tan

Welding Blankets Carbon Fiber Felt

Ideal for industrial ovens, furnaces, gaskets, and protection from heavy sparks and slag

1800°F working temperature

Easy to cut and can be conformed to complex curves

Lightweight material for incredible ease of use

3,000°F melting temperature rating provides extra assurance for extreme applications

PRODUCT NO.	Product Type	Width	Length	Weight (per sq yd.)	Thickness	Color
36158	Roll	5' (1.5m)	75' (22.9m)	16 oz.	0.125"	Black
36208	Roll	6' (1.8m)	150' (45.8m)	16 oz.	0.125"	Black
36313	Blanket	6' (1.8m)	8' (2.4m)	16 oz.	0.125"	Black
36320	Blanket	6' (1.8m)	6' (1.8m)	16 oz.	0.125"	Black
Custom	Custom	Custom	Custom	16 oz.	0.125"	Black

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