WELDING BLANKETS

JACKSON® SAFETY

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 temperatures are you working with?

- **Working Temperature —** The maximum temperature a blanket can withstand for the entire duration of the application. Sometimes this is referred to as "service temperature" or "constant temperature."
- **Intermittent Temperature —** The temperature the fabric can withstand for short durations without damage.

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:

PU

- Enhanced abrasion and tear resistance
- Soft to the touch

Fiberglass uncoated

- 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 maximum temperature as the spatter has the potential to rest directly on the material.

	LIGHT DUTY		MEDIUM DUTY	HEAVY DUTY
Product Series	**Uncoated Fiberglass Blanket**	**Fiberglass PU Coated Blanket**	**Vermiculite Blanket**	**Silica Cloth Blanket**
Working Temp	550°C	550°C	650°C	1000°C
Colors	White	Grey	Black	Tan
Weight	612g (18oz)	470g (14oz)	816g (24oz)	680g (20oz)
Applications	Heat treating, low thermal conductivity, anti corrosion, and is a base material for coating, impregnating and laminating	Slag resistance, spark resistance and incidental resistant to flames from cutting torches	Abrasion resistance, thermal barrier	Used for thermal and high heat requirements; can be used at 1000°C, maximum at 1300°C

NOTE: Temperatures and applications are intended as a guideline only and not a guarantee of performance. SureWerx 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.

A / Eine / Une Marque / Una Marca / Un Marchio

SureWerx®

Brand / Marke

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JACKSON® SAFETY

UNCOATED FIBERGLASS BLANKET

- Low irritating yarns prevents itch
- Grommets allow easy hanging in vertical applications
- **550°C working temperature / 700°C maximum temperature**

Product No	Product Type	Width	Length	Thickness	Case Qty/MOQ
J2711	Blanket	1 m	1 m	0.75 mm	20
J2712	Blanket	1 m	2 m	0.75 mm	10
J2713	Blanket	2 m	2 m	0.75 mm	5
J2714	Blanket	3 m	2 m	0.75 mm	5
J2715	Roll	1 m	25 m	0.75 mm	1

LIGHT DUTY PROTECTION

Ideal for welding, insulation, and jacketing applications

FIBERGLASS PU COATED BLANKET

- Excellent abrasion and tear resistance
- Grommets allow easy hanging in vertical applications
- **550°C working temperature / 700°C maximum temperature**

Product No	Product Type	Width	Length	Thickness	Case Qty/MOQ
J2716	Blanket	1 m	1 m	0.47 mm	20
J2717	Blanket	1 m	2 m	0.47 mm	10
J2718	Blanket	2 m	2 m	0.47 mm	5
J2719	Blanket	2 m	3 m	0.47 mm	5
J2720	Roll	1 m	25 m	0.47 mm	1

LIGHT DUTY PROTECTION

Provides protection from most welding sparks, spatter and slag

VERMICULITE BLANKET

- Advanced abrasion resistant properties
- Grommets allow easy hanging in vertical applications
- **650°C working temperature / 800°C maximum temperature**
- Heat is dispersed evenly across the surface significantly boosting temperature rating

Product No	Product Type	Width	Length	Thickness	Case Qty/MOQ
J2721	Blanket	1 m	1 m	1 mm	20
J2722	Blanket	2 m	1 m	1 mm	10
J2723	Blanket	2 m	2 m	1 mm	5
J2724	Blanket	3 m	2 m	1 mm	5
J2725	Roll	1 m	25 m	1 mm	1

MEDIUM DUTY PROTECTION

Ideal for welding, furnace applications, pipe wrapping and machinery protection

SILICA CLOTH BLANKET

- Pliable material can easily wrap around complex curves
- Grommets allow easy hanging in vertical applications
- **1000°C working temperature / 1300°C maximum temperature**
- Protection from heavy duty slag and molten spatter

Product No	Product Type	Width	Length	Thickness	Case Qty/MOQ
J2726	Blanket	0.94 m	1 m	0.60 mm	20
J2727	Blanket	1 m	1.76 m	0.60 mm	10
J2728	Blanket	2 m	1.76 m	0.60 mm	5
J2729	Blanket	3 m	1.76 m	0.60 mm	5
J2730	Roll	0.914 m	25 m	0.60 mm	1

HEAVY DUTY PROTECTION

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