



# VELVET SHIELD®

DEVELOPED BY NITSER TECHNOLOGIES

## Welding Blanket

**Lightweight, soft and flexible yet stands up to heat, flame, molten metal and the harshest conditions**

- Velvet Shield® welding blankets are made with a carbon fiber fabric that was developed from NASA technologies and is extremely fire and heat resistant.
- Versatile blankets are soft and lightweight, providing incredible ease-of-use.
- Provides protection from direct contact with weld splatter.
- Ideal for welding in automotive applications.
- Tough, tear-resistant material.
- Easy to clean; just shake, vacuum or blow metal particles out.

## Specifications

Continuous operating temperature to 1800°F, intermittent to 3000°F

ASTM E84-97a scores:

Flame Spread Index = 7

Smoke Index = 4

Meets and exceeds all standards of NFPA 701 (Standard method of fire tests for flame resistant textiles and films)\*

\*As tested by ITS. Copies available on request.



e-orders@steinerindustries.com  
800-621-4515 • 773-588-3444

Also available:  
18" x 18"  
Velvet Shield  
Pad



The softest  
and toughest  
welding  
protection ever—  
up to  
3000° F!

Steiner Industries • 5801 N. Tripp Ave. • Chicago, IL • 60646-6013

Phone: 800-621-4515 • Fax: 773-588-3450

E-mail: info@steinerindustries.com • www.steinerindustries.com

★ MADE IN USA ★

# VELVET SHIELD® BLANKET

*Velvet Shield* will not shrink, melt or burn upon exposure to flame. Spatter, slag and solder will puddle and shake off when cooled. Will not scratch or mar delicate or painted surfaces. Contains no fiberglass, ceramic or harmful fibers.

Meets or exceeds all standards of NFPA-701 for flame resistant materials and films and passes ASTM E84-97a test method for Surface Burning Characteristics of Building Materials by achieving the following results: Flame spread index: 7, smoke index: 4.

## Instructions for use:

1. Carefully check to be sure that the areas to be protected are completely covered and sparks cannot get under the blanket.
2. Check the blanket for holes or tears that would allow sparks to reach the area being protected.
3. *Velvet Shield* must be one-foot away from the welding torch.
4. Do not use *Velvet Shield* when wet, it will conduct heat.
5. Avoid contact with flammable liquids that would ignite if exposed to sparks.
6. Do not clean with water or other liquids.
7. Use in well ventilated area and avoid inhalation of harmful fume and smoke emitted from exposure to high temperatures.

**Warranty: This product is warranted against defects in manufacturing only. The user must determine product suitability for a specific application, and assume all risks in connection therewith. In the event that the product would be found to be defective, Steiner Industries will refund the purchase price or replace the product. Steiner Industries will not be liable for loss or damage resulting from the use of this product.**

If you have any questions, contact Steiner Industries, Inc. at **800-621-4515** for *Velvet Shield* Material Safety Data Sheets or visit our website at [www.velvetshield.com](http://www.velvetshield.com)

**WARNING: The *Velvet Shield* product should not be exposed to the primary heat and slag generated by Oxy-Fuel or Plasma cutting processes. Flame, pilot arc and cutting stream temperatures are well above the 3000° F maximum rating of the *Velvet Shield* material. NOT RECOMMENDED for grinding applications as metal shavings and particles are easily embedded within the fibers. Always inspect blanket materials for wear spots or holes prior to use to prevent accidental contact with flammable materials. Burning will produce harmful gases.**

Blanket sizes available:

Size	Item #	Size	Item #
3' x 4'	31634	8' x 6'	31686
5' x 4'	31654	8' x 8'	31688
4' x 6'	31646	6' x 10'	31606
5' x 5'	31655	8' x 10'	31608
6' x 5'	31665	10' x 10'	31601
6' x 6'	31666	Custom	31600

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