

When is Safety NOT on the line?

**Call Tempro Tec for the Broadest Range of
Certified Welding Blankets, Pads and Curtains**

TEMPRO
TEC Inc.

*Setting Higher Safety Standards....
Providing World Class Products*



Making a Difference in the World of Safety:

Tempro Tec Inc has built its reputation by focusing on just three key words:

- Listen** ——— Listen to the customer.
- React** ——— React to market changes.
- Respond** ——— Respond accordingly.

Our simple philosophy has helped us build a solid reputation for high quality products, outstanding customer service and fast technical support for over 20 years.

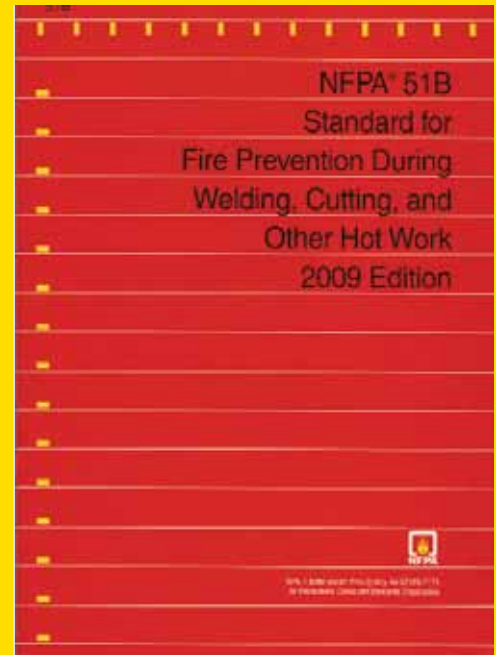
The broadest range of hot work fabrics

Safety work in hot works operations is critical. Tempro Tec's broad line of hot work fabrics have been independently **tested, certified and listed** by ANSI/FM 4950 — the most comprehensive certification program for hot work operations.

Look for the FM label for added assurance

Tempro Tec welding blankets, curtains and pads:

- Are Independently Tested and Certified
- Are ANSI/FM 4950 Approved
- Meet Canadian Codes & Standards
- Meet the Requirements of NFPA 51B (2009)



NFPA 51B (2009) now requires that welding blankets, curtains and pads be listed, approved or the equivalent for such use. One such listing includes ANSI/FM 4950. Many end users require adherence to the 2009 NFPA 51B Standard, thereby making hot work safer. The NFPA 51B Standard is most often cited by U.S. government agencies (OSHA, DOE) and private industry groups (API, AWS) for fire protection.





Why Choose FM Approved Welding Fabrics?

All of Tempro Tec's welding fabrics are third party certified to ensure the safest choice for your hot work application and prominently labeled to avoid confusion and misrepresentation.

- Use of these fabrics lowers risk of injury from welding or fire related incidents
- The standardized selection guide saves time and research
- FM Approved fabrics protect valuable material resources from costly fires
- Fewer insurance claims means lower insurance premiums

When it comes to safety... material matters

To receive the FM Approval and certification, Tempro Tec's welding fabrics must pass a series of tests, including fire/thermal resistance, charring embrittlement and accelerated weathering. Our hot work protection fabrics are grouped into three categories under the ANSI/FM 4950 Approval Standard:

- Welding Pads
- Welding Blankets
- Welding Curtains

These categories are based on **severity of use** typically found in hot work operations and make it easier for the user to specify the right product for the hot work application.

“Many of our customers have found that these certified fabrics not only save time and money... but help save lives, too.”



Chemical safety board has instructed OSHA in the USA to do Safety Reports on ALL refineries as a result of fires which also may lead to the same in Canada at some point in the future.

Our Fabric Advantages

- Non-irritating when handled
- Made from Type E Glass Fiber
- Very flexible for non conforming surfaces
- Composites are totally North American made
- More choices - with 19 FM Approved products for various applications. Not one product can do it all.


Fabric Selection Process

A few simple questions will help your customer determine which Temprow Tec fabric is right for their hot work application:

- Will the fire blanket be used vertically (Curtain) or horizontally (Blanket or Pad)?
- How far away from hot work will fire blanket be placed?
- How high above the protected area will hot work occur?
- Will the entire fabric be exposed to heat/sparks or just a focused area?
- What level of exposure to sparks/slag is expected?

A World of Hot Work Fabric Information at your Fingertips.

ANSI/FM 4950 Tempro Tec FM Approved Fabric Guide

	 Category	Product Type	Product Code	Nominal Weight	Thickness
GOOD	Curtain	TecSil®	1200C	12 oz.	.028"
	Curtain	TecSil	1800	18 oz.	.030"
	Curtain	TecGlass®	1300GL Black	13 oz.	.016"
	Curtain	TecGlass	GL2025/9383	18 oz.	.036"
	Curtain	TecGlass	GL2401 ORANGE	24 oz.	.055"
	Curtain	TecWeld®	RSL	14 oz.	.013"
	Curtain	TecStar®	32	32 oz.	.070"
	Curtain	TecStar®	35	35 oz.	.080"
BETTER	Curtain	TecSil	2400	24 oz.	.040"
	Curtain	TecWeld®	RSM	17 oz.	.016"
	Curtain	TecWeld®	RSH	32 oz.	.035"
	Curtain	TecPrene®	2025 GLN	21 oz.	.030"
	Curtain	TecPrene	2401 GLN	26 oz.	.055"
	Blanket	TecWeld®	BSHP	31 oz.	.039"
BEST	Pad	TecCarb®	2000 PGL	20 oz.	.150"
	Pad	TecSil	3600	36 oz.	.054"
	Pad	TecSil	4000C	40 oz.	.090"
	Blanket	TecSil	2400-1SAS	29 oz.	.047"
	Pad	TecStar®	6000-1	75 oz.	.115"

TecCarb®, TecPrene®, TecGlass®, TecSil®, TecWeld® and TecStar® are registered trademarks of Tempro Tec Inc.

CAUTION: All fabrics are potentially subject to burn-through. To be effective, fabrics used for welding protection purposes must be utilized as part of a fire prevention system. They should always be employed in accordance with the procedures set forth in NFPA 51B Hot Work Standard or other applicable standards.

Note: Pads may be used as Blankets and Blankets may be used as Curtains.

FM Approved Hot Work Classifications



Welding Pads

- Should be placed directly under hot work operations such as welding or cutting
- Used for horizontal applications with severe exposures - molten substances or heavy horizontal welding
- Prevent ignition of combustibles that are located adjacent to the underside of the pad



Welding Blankets

- Should be placed in the vicinity a hot work operation
- Used for horizontal applications with light to moderate exposures - chipping, grinding, heat treating, sand blasting and light horizontal welding
- Protect machinery and prevent ignition of combustibles such as wood, located adjacent to the underside of the blanket



Welding Curtains

- Should be placed directly in the vicinity of a hot work operation
- Used for vertical applications with light to moderate exposures - chipping, grinding, heat treating, sand blasting and light horizontal welding
- Prevent sparks from escaping a confined area

Look for the FM Label... Seeing is Believing

Product labeling is closely monitored to ensure our customers are receiving FM approved products. All Tempro Tec welding fabrics will contain an "FM Approved" print line.

All packaging will have the distinctive FM Approved label that clearly states the level of protection the user can expect (pad, blanket or curtain).



WELDING PAD: USES AND LIMITATIONS

PLEASE READ: IMPORTANT INFORMATION

FM
C US
APPROVED

THIS PRODUCT HAS BEEN APPROVED UNDER FM APPROVALS STANDARD 4850 FOR USE AS A WELDING PAD

When used properly, designed to prevent the ignition of combustible or flammable hot work operations with severe exposures such as that resulting from molten substances in heavy industrial settings.

Subject to the conditions of Approval as a welding pad, welding blanket or welding curtain (as applicable) as described in the current edition of the FM Approvals Approval Guide.

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WELDING BLANKET: USES AND LIMITATIONS

PLEASE READ: IMPORTANT INFORMATION

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APPROVED

THIS PRODUCT HAS BEEN APPROVED UNDER FM APPROVALS STANDARD 4850 FOR USE AS A WELDING BLANKET

When used properly, designed to prevent machinery and prevent the ignition of combustible or flammable hot work operations with light to moderate exposures such as chipping, grinding, buffing, grinding, sand blasting and light horizontal welding.

Please Note:
In order to be effective, welding blanket must completely cover the work area. If the blanket is not completely covered, it may be checked, reduced if necessary and/or light, flame resistant (FR) must be cut away to the ground level to remove.

Phone: 1-800-353-2827
www.temprotec.com

WELDING CURTAIN: USES AND LIMITATIONS

PLEASE READ: IMPORTANT INFORMATION

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APPROVED

THIS PRODUCT HAS BEEN APPROVED UNDER FM APPROVALS STANDARD 4850 FOR USE AS A WELDING CURTAIN

When used properly in vertical applications, designed to prevent sparks from escaping a confined area in hot work operations with light to moderate exposures such as chipping, grinding, buffing, grinding, sand blasting and light horizontal welding.

Please Note:
In order to be effective, welding curtain must completely cover the work area to be protected. Performance may be chemically reduced if there is any discontinuity, including any open vertical edge, exposed material or holes of any size. The entire affected curtain must be cut away to the nearest edge and removed before curtain is placed back in service.

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About FM Approvals: Throughout the years, FM Approvals has become recognized as the leader in third-party certification programs to help ensure the quality, safety and performance for fire prevention products globally. Receiving ANSI/FM 4950 approval verifies that Temprow Tec welding fabrics have undergone and passed a stringent testing and certification program; meeting the conditions of ANSI/FM 4950 approval standards for safety, performance and quality.

The FM approved marking, which is backed by scientific research and testing, tells customers the products you represent conform to the highest industry standards.

About ANSI: As the voice of the U.S. standards and conformity assessment, the American National Standards Institute (ANSI) helps strengthen the U.S. marketplace position in the global economy by assuring the safety and health of consumers and the protection of the environment. ANSI actively engages in accrediting programs that assess conformance to standards — including such globally recognized, cross-sector programs such as ISO, ASTM and FM certification.

About NFPA: The mission NFPA, is to reduce the worldwide burden of fire and other hazards on the quality of life by providing and advocating consensus codes and standards, research, training and education. NFPA is the world's leading advocate of fire prevention and an authoritative source on public safety, NFPA develops, publishes, and disseminates more than 300 consensus codes and standards intended to minimize the possibility and effects of fire and other risks.

About the Standards Council of Canada: The Standards Council of Canada's (SCC) mandate is to promote efficient and effective standardization in Canada. Standardization is the development and application of standards — publications that establish accepted practices, technical requirements and terminologies for products, services and systems. These standards help to ensure better, safer and more efficient methods and products, and are an essential element of technology, innovation and trade. The ANSI/FM 4950 became recognized by the Standards Council of Canada. Products carrying the FM Approved label meet Canadian codes & standards for welding pads, welding blankets and welding curtains for hot work operations.

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