



# NFPA 51B

Standard for  
Fire Prevention During  
Welding, Cutting, and  
Other Hot Work

2019



## New Recommendations For Listed\* Hot Work Fabrics in Chapter 5 of NFPA 51B-2019

- ▶ Combustible floors shall be kept wet, covered with damp sand, or protected by a listed **Welding Blanket, Welding Pad, or equivalent.**
- ▶ If relocation is impractical, combustibles shall be shielded by a barrier constructed of noncombustible materials or otherwise protected by a listed **Welding Curtain, Welding Blanket, Welding Pad, or equivalent.**
- ▶ To prevent the entrance of sparks, the edges of covers at the floor shall be tight, including at the point where covers overlap.
- ▶ Openings or cracks in walls, floors, or ducts within 35 ft (11m) of the hot work site shall be covered or sealed with listed fire-rated or noncombustible material to prevent the passage of sparks to adjacent areas.
- ▶ If hot work is done near walls, partitions ceilings, or roofs of combustible construction, they shall be protected by a listed **Welding Curtain, Welding Blanket, Welding Pad, or equivalent.**

\* One such listing includes ANSI/FM 4950

## FM Approved Hot Work Fabrics — At-A-Glance

AMI's welding fabrics have been tested and rated to the ANSI/FM 4950 Standard that is required by the NFPA 51B 2019 Standard. The rating system makes it easy to determine which of the three levels of fire protection – Welding Curtains, Welding Blankets, or Welding Pads – is needed for a specific hot work operation as described in Chapter 3 of the Standard.

ANSI/FM RATING	PRODUCT NAME	PRODUCT CODE
Curtain	AMI-SIL®	CAS1200
Curtain	AMI-SIL®	AS1800F
Curtain	AMI-SIL®	AS1800G
Curtain	AMI-GLAS®	GL1300
Curtain	AMI-GLAS®	GL2025-9383
Curtain	AMI-GLAS®	GL2401
Curtain	VEXTRA®	GLV3201 TP
Curtain	VEXTRA®	GLV3500 TP
Curtain	AMI-TUF®	SGL1400
Curtain	AMI-SIL®	AS2400
Curtain	AMI-TUF®	SGL1700
Curtain	AMI-TUF®	SGL3200
Curtain	GOLDENGLAS®	GLN2025
Curtain	GOLDENGLAS®	GLN2401
Curtain	VEXTRA®	GLV2025-9383-TP
Blanket	AMI-TUF® PLUS	SGLP3100
Blanket	AMI-SIL®	SAS2400-1
Pad	CARBO-GLAS®	PGL2000
Pad	AMI-SIL®	AS3600
Pad	AMI-SIL®	CAS4000
Pad	AMI-GUARD® Fire Quilt™	SGLP14 Composite
Pad	VEXTRA®	SGLV6000-1-TP

\*FM Approved welding pads can be used as Approved welding blankets and Approved welding curtains. FM Approved welding blankets can be used as Approved welding curtains.

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