



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
Curtain	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.

Visit our website at www.auburnmfg.com. Need specs or samples? Call us at 800-264-6689.

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