



Made in USA of Domestic and/or Imported Materials

PRODUCT DATA SHEET

AMI-TUF® – Style No: SGL1700

For additional information please contact sales@auburnmfg.com

Description: AMI-TUF style SGL1700 is a fiberglass base fabric which has been coated with our specially formulated silicone rubber compound. It provides greater abrasion puncture and tear resistance to our base fiberglass fabric. Silicone coated fiberglass fabric provides greater life, water and oil repellancy than uncoated fabrics while providing low smoke and flame retardancy.

TECHNICAL DATA	IMPERIAL	METRIC
NOMINAL WIDTH:	60 in	152.4 cm
NOMINAL WEIGHT:	17.0 OZ/YD ²	576 g/m ²
NOMINAL THICKNESS:	0.016 in	0.406 mm
BASE FABRIC COUNT & WEAVE:	WARP: 48 yarns/in FILL: 31 yarns/in FIBERGLASS SATIN WEAVE	WARP: 18.9 yarns/cm FILL: 12.2 yarns/cm FIBERGLASS SATIN WEAVE
NOMINAL BREAKING STRENGTH:	WARP: 250 LBS/IN MIN AVG FILL: 200 LBS/IN MIN AVG	WARP: 438 N/cm FILL: 350 N/cm
NOMINAL TEAR STRENGTH:	WARP: 50 LBS MIN FILL: 25 LBS MIN	WARP: 222 N FILL: 49 N
NOMINAL BURST STRENGTH:	200 LBS/IN ² MIN AVG	138 N/cm ² MIN AVG
NOMINAL HYDROSTATIC RESISTANCE:	200 LBS/IN ² MIN AVG	138 N/cm ² MIN AVG
TEMPERATURE RESISTANCE:	1000° F	538° C
FLAME RESISTANCE: (ASTMD 6413)	AFTERFLAME: 0 SEC AFTERGLOW: 0 SEC CHAR LENGTH: 1mm x 1mm (Warp & Fill)	AFTERFLAME: 0 SEC AFTERGLOW: 0 SEC CHAR LENGTH: 1mm x 1mm (Warp & Fill)

PRODUCT HIGHLIGHTS

- ❖ Content: 100% fiberglass cloth with cured silicone rubber on two sides.
- ❖ Standard Colors & Coating: Gray, Red & Salmon silicone are standard. Please contact us for other colors.
- ❖ Although base fabric is rated to 1000° F continuous operating temperature, silicone coating is rated to 500° F on a continuous basis.
- ❖ NFPA 701/1999 – Method 1 & 2. Test reports on file.
- ❖ MIL-STD-2041E – meets requirements.
- ❖ Meets requirements of ASTM C1695-09. **Standard Specification for Fabrication of Flexible Removable and Reusable Insulation for Hot Service.**
- ❖ This product has been tested and FM Approved as a **Welding Curtain** to ANSI/FM 4950 for hot work protection. Test data available upon request. Reference project ID #3015367.
- ❖ Special Markings: Product marked in accordance with FM Approval standard 4950 including designation as a **Welding Curtain** and with uses and limitations information.
- ❖ Material should be tested for its suitability in any application. Users should also familiarize themselves with the SDS.



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