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Fiberglass Cloth

Style

**17oz Grey
Silicone Coated**

Physical Properties:

WEIGHT:	17.0 OZ YD ² ± 10%
THICKNESS:	0.016" ± 10%
TEMPERATURE RESISTANCE *:	500° F
BASE FABRIC & WEAVE:	FIBERGLASS/SATIN WEAVE (COUNT: WARP: 48; FILL: 31)
COLORS & COATING:	GREY SILICONE
NOMINAL WIDTH:	60"

Mechanical Specifications:

TENSILE STRENGTH:

METHOD: FTMS 191A/M5102
 WARP: 250 LBS/IN MIN. AVG.
 FILL: 200 LBS/IN MIN. AVG

TEAR STRENGTH

METHOD: FTMS 191A/M5136
 WARP: 50 LBS MIN.AVG
 FILL: 25 LBS MIN.AVG

FLAME RESISTANCE:

METHOD: FTMS 191A/M5903.1
 FLAME OUT(SEC): 1 SECOND
 AFTERGLOW(SEC): 2.5 SECONDS
 CHAR LENGTH(INCHES): 0.3 MAX.AVG.

BURST STRENGTH

METHOD: FTMS
 191A/M5122(MULLEN)
 200 LBS/IN² MIN.AVG

HYDROSTATIC RESISTANCE

METHOD: FTMS 191A/M5512(MULLEN)
 200 LBS/IN² MIN.AVG.

* ALTHOUGH BASE FABRIC IS RATED TO 1000° F CONTINUOUS OPERATING TEMPERATURE, SILICONE COATING IS RATED TO 500° F ON A CONTINUOUS BASIS.

THE FIBERGLASS BASE FABRIC MEETING MILITARY SPECIFICATION MIL-C-20079F WHICH HAS BEEN COATED WITH A 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.

NOTE: MATERIAL SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION. USERS SHOULD ALSO FAMILIARIZE THEMSELVES WITH THE MSDS BEFORE HANDLING.