

APPROVALS / CERTIFICATIONS

Silver Silicone Fiberglass is base fabric meeting military specification MIL-C 20079F, which has been impregnated with our specially formulated silicone rubber compound. It provides a 25% add-on ratio to the base fiberglass fabric. This silicone coating adds extended life, while providing greater oil & water resistance than uncoated fabrics as well as low smoke and flame retardant.

Note: Material should be tested for its suitability in any application. Users should also familiarize themselves with the MSDS before handling *Although base fabric is rated to 1000°F continuous operating temperature, silicone coating is rated to 500°F on a continuous basis.

Details

STYLE NO	HSF-32-60	
WEIGHT	32 oz yd ² ± 10%	
THICKNESS	0.035" ± 10%	
BASE FABRIC AND WEAVE	Fiberglass / Satin Weave	
	Warp - 47	
	Fill - 28	
COLOR AND COATING	Silicone (Silver, Red, or Salmon)	
TEMPERATURE RESISTANCE*	500°F	
TENSILE STRENGTH	METHOD	FTMS 191A / M5102
	WARP	500 lbs / in min avg
	FILL	400 lbs / in min avg
TEAR STRENGTH	METHOD	FTMS 191 A / M5136
	WARP	75 lbs / in min avg
	FILL	50 lbs / in min avg
FLAME RESISTANCE	METHOD	FTMS 191A / M5903.1
	FLAME OUT (SEC)	1 second
	AFTERGLOW (SEC)	2.5 seconds
	CHAR LENGTH (ins)	0.3 max avg
BURST STRENGTH	METHOD	FTMS 191A / M5122 (mul-len) 400 lbs / in ² min avg