

ARMORWELD®

PRODUCT PART NUMBER:

18SF60

Gray Silicone Coated Fiberglass

PRODUCT DATA SHEET

FEATURES:

- ❖ Excellent low smoke and flame
- ❖ Low Toxicity
- ❖ Excellent weathering
- ❖ High Temperature resistance
- ❖ Excellent heat aging properties
- ❖ Excellent flame and spark penetration resistance
- ❖ Easy to fabricate with
- ❖ Reduced fraying

APPLICATIONS:

- ❖ Non-insulated flexible ducting meeting UL181 Class 1 straight air duct requirements
- ❖ High temperature ducting
- ❖ High temperature marine, aircraft and industrial insulation facing
- ❖ Removable insulation pad coverings
- ❖ Fire blankets
- ❖ Welding protection "dog houses"

TECHNICAL DATA:

COATED FABRIC	NOMINAL VALUES	TEST METHOD
Weight: (oz./sq. yd.)	17.0 +/- 10%	FED STD 191A-M5040
Thickness: (in)	0.017 +/- 10%	FED STD 191A-M5030
Breaking strength: (#/warp X filling)	480 X 450	FED STD 191A-M5100
Tearing strength: (#/warp X filling)	60 X 25	FED STD 191A-M5134
Trap Tear	30 X 75	FED STD 191A-M1117
Mullen Hydrostatic: (psi)	10	FED STD 191A-M5512
Mullen Burst: (psi)	600	FED STD 191A-M5122
Clark Stiffness:	17	FED STD 191A-M5204
Oil Resistance:	Pass	MIL-C20696C(4.4.3)
Aromatic Fluid Resistance:	Pass	MIL-C20696C(4.4.4)
Temperature Resistance	-67 Deg. F. to +500 Deg. F.	FED STD 191A-M5903
Flame Resistance:		
After flame (sec)	2.0	
After glow (sec)	2.0	
Char length (in)	1.0	
Material width (in)	60 +/- 2	
Roll length (lyds)	50	