

SILVER FOIL

RADIANT HEAT PROTECTION UP TO 1,050°F

MEETS OR EXCEEDS THE FAA 12 SEC. VERTICAL BURN REQUIREMENTS

Silver Foil (SRF) is made from a lightweight aerospace material. This 14 mil thick foil has a fire resistant pressure sensitive adhesive which meets or exceeds the FAA 12-second vertical burn requirement. The reflective foil is easy to install and remove, and is extremely versatile in that it can be easily cut and formed. The silver foil reflects at least 95% of radiant energy and provides continuous radiant heat protection up to 1,050°F and higher for short durations. There is a minimum of 400°F gradient temperature drop across the film during normal operating temperatures. The film is supplied in 28" wide rolls and weighs approximately 12 oz/yd.

SIZING CHART

Nominal Size	Part #	Wall Thickness ±.010"	*Put-Ups		Available Colors	Lbs/ 100'
			M	L		
29"	SRF29.0SV	.014"	25'	120'	1	19.44

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Foil Laminate
Grade	SRF
Wall Thickness	.014"
Drawing Number	TF001SRF-WD
Cutting	Scissors

COLORS



Silver (SV)

CERTIFICATIONS



ABRASION

Abrasion Resistance	EXTREME
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	°F
Humidity	%
Material Destroyed	Test Cycles
Pre-Test Weight	mg
Post-Test Weight	mg
Test End Loss Of Mass Point Of Destruction	mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating (SAE J369)	Self Extinguishing
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.014"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	NA
Moisture Absorption % (ASTM D-570)	NA
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating

OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	1,050°F / 566°C
Maximum Continuous	
Minimum Continuous	

CHEMICAL RESISTANCE

1=No Effect 2=Little Effect 3=Affected 4=More Affected 5=Severely Affected

Aromatic Solvents	NA
Aliphatic Solvents	NA
Chlorinated Solvents	NA
Weak Bases	NA
Salts	NA
Strong Bases	NA
Salt Water (0-S-1926)	NA
Hydraulic Fluid (MIL-H-5606)	NA
Lube Oil (MIL-L-7808)	NA
De-Icing Fluid (MIL-A-8243)	NA
Strong Acids	NA
Strong Oxidants	NA
Esters/Ketones	NA
UV Light	NA
Petroleum	NA
Fungus (ASTM G-21)	NA
Halogen Free	NA
RoHS	Yes
SVHC	NA