



GOLD FOIL

RADIANT HEAT PROTECTION UP TO 750°F

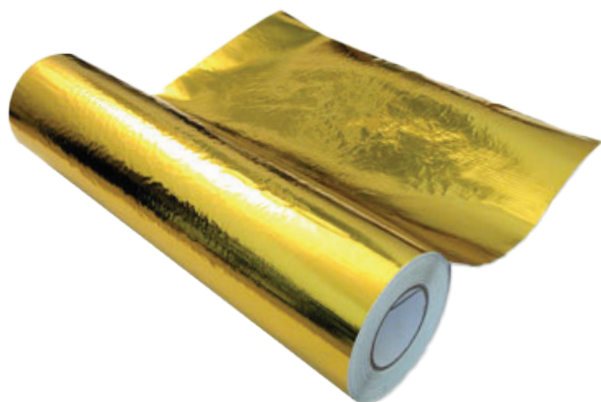
SELF ADHERING FOR QUICK INSTALLATION · REFLECTS RADIANT HEAT

Gold Foil is made from lightweight aerospace material. This 6 mil thick foil has a fire resistant pressure sensitive adhesive that incorporates a fiber-glass backing for strength and tear resistance. The adhesive meets or exceeds the FAA 12-second vertical burn requirement. This gold reflective foil reflects up to 750°F of radiant heat and has a continuous operating temp of 500°F. It will break down at 850°F of continuous radiant heat. There is up to a 70°F gradient temperature drop across the 6 mil thick foil during normal operating temperatures. Key benefits: can easily be cut and configured to each chassis style; easy to repair, install and remove since it adheres to itself.

SIZING CHART

Nominal Size	Part #	Wall Thickness ±.010"	*Put-Ups		Available Colors	Lbs/ 100'
			M	L		
24"	GRL24.0GL	.006"	25'	150'	1	8.13

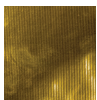
*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Foil Laminate
Grade	GRF
Wall Thickness	.006"
Drawing Number	TF001GRF-WD
Cutting	Scissors

COLORS



Gold (GL)

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	.006"
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)	850°F / 454°C
Maximum Continuous	500°F / 260°C
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