Dut Ilma



WRAP

- Economical And Easy To Install
- **Cuts Easily With Scissors**
- Reflects Radiant Heat
- Insulates Delicate Wires And Components
- Resists Gasoline And Engine Chemicals

		Put-ups ¬					
Nominal Size	Part #	Sheet Width	Wall Thickness ±0.008″	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
1/2″	TWN0.50SV	1 13/16″	0.025″	200′	100′	Silver	2.60
3/4″	TWN0.75SV	2 1/2″	0.025″	200′	100′	Silver	4.00
1″	TWN1.00SV	3 3/8″	0.025″	200′	100′	Silver	5.10
1 1/4″	TWN1.25SV	4 1/4″	0.025″	200′	100′	Silver	5.70
1 1/2″	TWN1.50SV	5″	0.025″	200′	100′	Silver	6.50
1 3/4″	TWN1.75SV	5 13/16″	0.025″	100′	50′	Silver	7.40
2″	TWN2.00SV	6 11/16″	0.025″	100′	50′	Silver	8.40
2 1/4″	TWN2.25SV	7 3/8″	0.025″	100′	50′	Silver	9.50

Cut Cleanly Scissors

Material Aluminum Laminated Eiberglas

Aluminum Laminated Fiberglass

Grade TWN

Wall Thickness .025"

Drawing Number TF001TW-WD



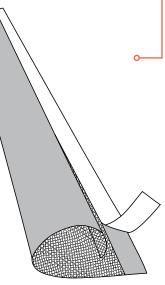
Reflective Aluminized Surface Bonded To Insulating Fiberglass

THERMASHIELD creates a buffer between your wires, hoses and cables and the high temperature environments they are required to perform in. ThermaShield is engineered by laminating an aluminum heat shield to a layer of strong fiberglass insulation. This system provides superior protection from radiant heat by reflecting it away from sensitive electronics, wiring and hoses.

THERMASHIELD WRAP (TWN). When component disassembly isn't an option, TWN is the solution. Designed to fit securely around existing assemblies and hard to reach components, the flat material is joined along the edge with a strip of permanent, high temperature adhesive. The aggressive bonding agent will securely adhere anywhere along the width of the material, affording maximum protection and allowing a snug fit around odd-shaped connectors and terminations.

> When applied, the aluminum laminate reflects heat away and the insulating fiberglass backing protects the fragile contents from thermal damage and failure.

Colors Available: Silver (SV)





THERMA SHIELD

2100*

Melt Point

TEMPERATURES ASTM D-2117 1800* 2,048°F (1,120°C) **ABRASION FLAMMABILITY** 1500* 1200 Maximum Continuous 900* Mil-I-23053 **Abrasion Resistance** Rating Non Combustible 491°F (255°C) 600* Very High Will not burn OPERATING 300 **Abrasion Test Machine** Minimum Continuous Taber 5150 $-76^{\circ}F$ (-60°C) 300 Abrasion Test Wheel CHEMICAL Calibrase H-18 RESISTANCE Abrasion Test Load 500g 1=No Effect 4=More Affected PHYSICAL 2=Little Effect 5=Severely Affected Room Temperature 3=Affected **PROPERTIES** 70°F Humidity 57% Foil Layer Worn Through 1,000 Test Cycle Wall Thickness Fiberglass Layer Worn Through - Material Destroyed 1,300 Test Cycles S

www.techflex.com

Aromatic Solvants	1
Aromatic Solvents	
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	1
Strong Bases	1
Salt Water 0-S-1926	1
Hydraulic Fluid <i>MIL-H-5606</i>	1
Lube Oil <i>MIL-L-7808</i>	1
De-lcing Fluid MIL-A-8243	1
Strong Acids	2
Strong Oxidants	2
Esters/Ketones	1
UV Light	1
Petroleum	
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	

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Flammability Rating _Non Combustible Recommended Cutting _____Scissor Colors _____ 1 .025