

Thermal shield creates a buffer between your wires, hoses, cables and the high temperature environments they are required to perform in. It 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.

MTT is designed to easily slip over wires or hoses. The seamless construction provides full coverage and protection, and the flexible sleeving cuts easily with scissors.

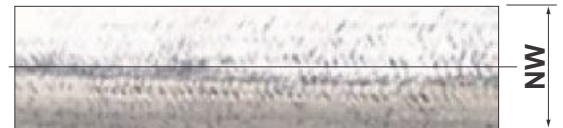


- Economical and easy to install
- Cuts easily with scissors
- Reflects radiant heat
- Insulates delicate wires and components
- Resists gasoline and engine chemicals
- Colour: Silver (SV)



TYPE	COLOUR
<b>MTT 0.75</b>	<b>SV</b>
NW	

	<b>Melt Point</b>
	ASTM D-2117 2,048°F (1,120°C)
	<b>Maximum Continuous</b>
	Mil-I-23053 491°F (255°C)
	<b>Minimum Continuous</b>
	-76°F (-60°C)



Order Number	Nominal width	Wall Thickness +/-0.15mm		Weight		Standard Spool Put-Ups	
	(NW)	(mm)	(in)	Kg/100m	Lbs/100'	(M)	(F)
MTT0.50	1/2"	0.6	0.025"	3.79	2.55	30	100
MTT0.63	5/8"	0.6	0.025"	4.46	3.00	30	100
MTT0.75	3/4"	0.6	0.025"	5.13	3.45	30	100
MTT0.88	7/8"	0.6	0.025"	6.09	4.10	30	100
MTT1.00	1"	0.6	0.025"	6.69	4.50	30	100
MTT1.25	1 1/4"	0.6	0.025"	8.03	5.40	30	100
MTT1.50	1 1/2"	0.6	0.025"	9.21	6.20	30	100
MTT1.75	1 3/4"	0.6	0.025"	11.00	7.40	15	50
MTT2.00	2"	0.6	0.025"	12.93	8.70	15	50
MTT2.50	2 1/2"	0.6	0.025"	15.01	10.10	15	50

### Abrasion Test Data

- Abrasion resistance: **Very high**
- Abrasion test machine: **Taber 5150**
- Abrasion test wheel: **Calibrase H-18**
- Abrasion test load: **500g**
- Room temperature: **73°F**
- Humidity: **55%**
- Foil layer worn through: **1,000 test cycles**
- Fiberglass layer worn through material destroyed: **1,200 test cycles**
- Pre-test weight: **10,925.0 mg**
- Post-test weight: **9,607.6 mg**
- Test end loss of mass point of destruction: **1,317.4 mg**

### Physical Properties

- Monofilament diameter: **N/A**
- Flammability rating: **Non Combustible (UL94 V-0)**
- Recommended cutting: **Scissor**
- Colours: **1**
- Wall thickness: **.025**

### MTT - Chemical Resistance Index

	5 Severely Affected	4 More Affected	3 Affected	2 Little Effect	1 No Effect
Aromatic Solvents					
Aliphatic Solvents					
Chlorinated Solvents					
Weak Bases					
Salts					
Strong Bases					
Salt Water 0-S-1926					
Hydraulic Fluid MIL-H-5606					

	5 Severely Affected	4 More Affected	3 Affected	2 Little Effect	1 No Effect
Lube Oil MIL-L-7808					
De-Icing Fluid MIL-A-8243					
Strong Acids					
Strong Oxidants					
Esters/Ketones					
UV Light					
Petroleum					
Fungus ASTM G-21					