



RANGE **MF**  
**THERMAL PALLET COVER**

## A Better Way to Protect Cargo



Référence MF 901

- MF 901
- MF 902
- MF 903
- MF 904
- MF 905

## The Essential Protection

The MF range is designed for shipments of products that need to be stored at room temperature in an environment with moderate thermal constraints.

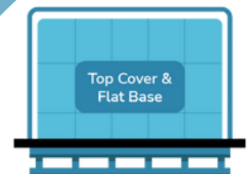
Particularly competitive, the MF range offers essential protection for your products in terms of both heat and reflectivity.

- Standard sizes 80 x 120 cm or 100 x 120 cm.
- Standard Height 120 cm.
- Custom Sizes on Order.
- Validation Test Reports Available on Request.
- METTCOVER Marking.

Specifications	MF 901	MF 902	MF 903	MF 904	MF 905	Test Method
Thickness, mm	0,137	0,417	0,16	0,28	0,119	By Vernier Caliper
Density, Kg/m <sup>3</sup>	1122,38	336,3	865,8	338,3	858,9	ASTM C271
GSM ( grams per square meter)	170	170	140,2	95,7	125	GSM SCALE
Tensile Strength, N/mm <sup>2</sup>	111,73	9,51	59,93	5,7	86,98	ASTM D638
Tear Resistance, KN/m	164,8	52,68	172,15	71,33	139,66	ASTM D624
Moisture Vapor Transmission, g/m <sup>2</sup> per day	0,021	0,0134	0,016	0,015	0,023	ASTM E96
Water Pressure Resistance, cm H <sub>2</sub> O	1804,6	661,3	1567	679	1389,6	ISO: 811-2018
Air Permeability, cm <sup>3</sup> /s/cm <sup>2</sup>	0	0	0	0	0	ASTM D737
Flammability test, (Burning rate) mm/min	248,3	276,9	336,1	369	383,06	ASTM D635
Thermal Resistance, (R- Value), (m <sup>2</sup> -k/w)	0,0019	0,0114	0,0021	0,0071	0,0029	ASTM C177
Thermal Conductivity, W/m-K	0,073	0,0365	0,0746	0,0393	0,0408	ASTM C177

## Flat Base Included

(Preformed tray base on option)



Flat Base

# MF Range: Essential By Nature

Technical Layers

## MF 901

Inner Face in Aluminum - Thickness 0.14 mm.  
Outer face reflective metallized polyester MPET and non-woven Polypropylene Structure.  
Suitable for all types of products at room temperature (15°C/25°C).

5



## MF 902 & MF 904

**Microporous Synthetic Inner Face.**

Thickness 0.42 mm (MF902) and 0.28 mm (MF904).  
Outer face Metallic reflective polyester (MPET) laminated with microporous synthetic non-woven fabric to allow absorption of excess moisture.

Suitable for all types of products at room temperature (15°C/25°C)..

Technical Layers

3



Technical Layers

## MF 903

Interior and Exterior Face in Reflective Metallized Polyester (MPET) - Thickness 0.16 mm - 5 Technical layers.  
Structure in non-woven polypropylene.  
Suitable for all types of products at room temperature (below 40°C).

5



## MF 905

**The Most Economical Solution.**

**Outer face in Reflective Metallized Polyester (MPET).**

Inner side in Non-woven Polypropylene.

Thickness 0.12 mm - 3 Technical layers - Very light (125g / M<sup>2</sup>)

Suitable for all types of products at room temperature (below 40°C).

Technical Layers

3

## Install Your Cover in Seconds

1 Open cover up over the load



2 Avoid excessive pulling of material over edge corners to reduce risk of tearing



3 Slide cover down over top of load



4 Top cover overlaps optional base to prevent water ingress



5 Seal top to load (or optional base) with standard warehouse tape



6 Completed cover fitted



A better way to Protect Cargo

**Thermolabo**<sup>®</sup>  
Data logging Services

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