



Official Distributor Solution METTCOVER GLOBAL

A Better Way to Protect Cargo



For your Most Sensitive Products

Resulting from METTCOVER research, the MET-Q range - **Very High Performance** - is designed to protect your most sensitive products in high thermal constraints environments

Specifications	MET-Q Extreme	MET-Q Super	MET-Q	MET-Q-L	Test Method
Thickness, mm	21.95	16.05	15.16	5.15	By Vernier Caliper
Density, Kg/m3	45.03	45.67	52.50	37.40	ASTM C271
GSM (grams per square meter)	955	736.2	1120	200	GSM SCALE
Tensile Strength, N/mm2	0.38	0.23	0.94	0.57	ASTM D638
Tear Resistance, KN/m	1.62	2.93	3.36	4.19	ASTM D624
Moisture Vapor Transmission, g/m2 per day	0.011	0.00.	0.0156	1.37	ASTM E96
Water Pressure Resistance, cm H2O	2175	2039	919	52	ISO: 811-2018
Air Permeability, cm3/s/cm2	0.0	0.0	0.0	43.9	ASTM D737
Flammability test, (Burning rate) mm/min	188.0	222.4	464.4	367.4	ASTM D635
Thermal Resistance, (R- Value), (m2-k/w)	0.5746	0.4434	0.3877	0.1157	ASTM C177
Thermal Conductivity, W/m-K	0.0382	0.0362	0.0391	0.0445	ASTM C177

MET-Q EXTREME MET-Q SUPER MET-Q MET-Q

- Reusable and Sustainable.
- Standard sizes 80 x 120 cm or 100 x 120 cm.
- Standard Height 120 cm.
- Custom Sizes on Order.
- Compact Size After Folding.
- High Quality Finishes for Sustainable Reuse.
- Zipper or Velcro Opening on the Sides (your choice).
- Validation Test Reports Available on Request.
- METTCOVER Marking.

Preformed Tray Base Included



MET-Q Range: 4 Solutions for All Your Applications

The Dec

MET-Q EXTREME

The Best Thermal Protection in the Range.

Exclusive insulation complex consisting of 9 technical layers - 21.95 mm thick (pure aluminum, insulating foam, porous filaments and insulating fibers)..

Ideal for protecting high value products in extreme conditions. Suitable for all types of frozen (-20°C short term), fresh

(2°C/8°C) and room temperature (15°C/25°C) products



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MET-Q SUPER

An Unbeatable Weight/Performance Ratio.

Insulation complex 7 technical layers - 16.05 mm thick (Interior and exterior surfaces in reflective metallized polyester and structure in insulating fibers).

Ideal for providing maximum protection for products at room temperature (15°C/25°C).

Technical Layers

7

MET-Q

Suitable for Both Transport and Storage.

Interior and exterior faces in water-repellent polyester Structure in polyester fibers - 15.16 mm thick.

High performance and high strength to provide optimum protection and long lasting reuse for fast stock rotating products. Available in various colours.

Suitable for all types of fresh products (2°C/8°C) and room temperature products (15°C/25°C).



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MET-Q-L

Air permeable due to its breathable fibre structure.

Ideal for perishable products that require both excellent thermal protection and good breathability..

Suitable for fresh products (2°C/8°C) at room temperature (15°C/25°C) and below 40°C.

Technical Layers

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Since 2015







A Better Way to Protect Cargo



Versatility and Performance

Resulting from METTCOVER experience, the X-PRO - High Performance - range offers unrivaled versatility. Depending on the model, the performance provides excellent Thermal Protection and Preserves your Products Against Climatic Aggressions or Environmental Risks during the transit or even prolonged storage phases.

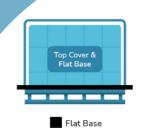
Specifications	X-PRO-Z	X-PRO-X	X-PRO-A	Test Method
Thickness, mm	19.19	2.09	0.541	By Vernier Caliper
Density, Kg/m3	29.03	109.70	458.50	ASTM C271
GSM (grams per square meter)	540	270	350	GSM SCALE
Tensile Strength, N/mm2	0.34	3.19	8.19	ASTM D638
Tear Resistance, KN/m	2.35	18.24	72.1	ASTM D624
Moisture Vapor Transmission, g/m2 per day	0.036	0.065	0.0184	ASTM E96
Water Pressure Resistance, cm H2O	1662.7	405.6	814	ISO: 811-2018
Air Permeability, cm3/s/cm2	0.0	0.0	0.0	ASTM D737
Flammability test, (Burning rate) mm/min	168.2	295.14	253.54	ASTM D635
Thermal Resistance, (R- Value), (m2-k/w)	0.5173	0.0491	0.0117	ASTM C177
Thermal Conductivity, W/m-K	0.0371	0.0426	0.0462	ASTM C177

X-PRO Z X-PRO X X-PRO A

- Reusable and Sustainable.
- Standard sizes 80 x 120 cm or 100 x 120 cm.
- Standard Height 120 cm.
- Custom Sizes on Order.
- Compact Size After Folding.
- High Quality Finishes for Sustainable Reuse.
- Zipper or Velcro Opening on the Sides (As a Option).
- Validation Test Reports Available on Request.
- METTCOVER Marking.

Flat Base Included

(Preformed tray base on X-PRO Z and optionally available on the rest of the the rest of the range)



X-PRO Range: Versatile and High Performance

X-PRO Z

echnica ayers The Optimum All-Season Solution.

Complex composed of 6 technical layers - 19.19 mm thick (Interior and exterior surfaces in MPET Reflective Metallized Polyester and PEBD air bubble structure).

Ideal for optimum thermal protection in summer and winter. Suitable for all types of fresh (2°C/8°C) and room temperature (15°C/25°C) products







X-PRO X

The Ultimate Protection Against Climatic Aggressions.

5-layer complex - 2.09 mm thick - comprising an outer aluminum layer and an insulating foam structure.

The inner face, in microporous non-woven synthetic, absorbs excess humidity for better preservation of your products. Suitable for all products at room temperature (15°C/25°C).

Technical Layers

(In Option)

(As Standard)

X-PRO A

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High Tear and Puncture Resistance

7-layer technical insulation complex - Only 0.541 mm thick = space saving in storage. White outer surface of cast polypropylene (CPP) for enhanced physical resistance.

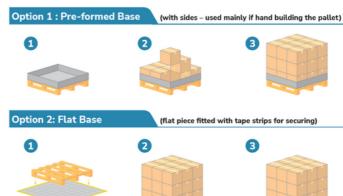
Ideal for long-term protection against climatic and environmental risks of products at room temperature (15°C/25°C).



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Velcro Opening Option



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BUB 902 BUB 901 PAF 901 PAF 902

Efficient and Competitive

The competitiveness of the BUB and PAF ranges allows you to Control your Budget Without Compromising on Quality.

Insulating, Reflective, the covers of the BUB and PAF ranges provide you with all the essential performances for the preservation of your products during the transit and/or storage phases.

Specifications	BUB 901	BUB 902	PAF 901	PAF 902	Test Method
Thickness, mm	4,06	8,11	0,315	0,16	By Vernier Caliper
Density, Kg/m3	56,27	40,79	478,35	749,8	ASTM C27
GSM (grams per square meter)	260	390	190	147,7	GSM SCALE
Tensile Strength, N/mm2	1,36	0,44	6,49	55,66	ASTM D63
Tear Resistance, KN/m	8,51	3,78	51,79	220,9	ASTM D624
Moisture Vapor Transmission, g/m2 per day	0,0154	0,0136	0,022	0,041	ASTM E9
Water Pressure Resistance, cm H2O	1548,7	1021,4	405,6	748	ISO: 811-201
Air Permeability, cm3/s/cm2	0	0	0	0	ASTM D73
Flammability test, (Burning rate) mm/min	175,13	205,73	330,34	282,2	ASTM D635
Thermal Resistance, (R- Value), (m2-k/w)	0,1055	0,2033	0,0051	0,0041	ASTM C17
Thermal Conductivity, W/m-K	0,0385	0,0399	0,0614	0,0392	ASTM C17

- Reusable and Sustainable.
- Standard sizes 80 x 120 cm or 100 x 120 cm.
- Standard Height 120 cm.
- Custom Sizes on Order.
- 97% Refectivity.
- High Quality Finishes for Sustainable Reuse.
- Zipper or Velcro Opening on the Sides (As a Option on BUB Range).
- Validation Test Reports Available on Request.
- METTCOVER Marking.

Flat Base Included (Preformed tray base on option)



BUB Range: Reflectivity and Air Bubbles Insulation

BUB 902

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METTCOVER

Double Layer Air Bubble Structure.

METTCOVER

Thickness 8.11mm. Inner and outer layer MPET reflective metallic polyester.

The perfect balance between optimum insulation time and effective sun protection.

Suitable for all types of fresh (2°C/8°C) and room temperature (15°C/25°C) products.



BUB 901



Insulation Equivalent to 45 mm of Polystyrene Thickness 4.06mm. Inner and outer layer MPET reflective metallic polyester...

> An unrivaled quality-price-performance ratio. Suitable for all types of fresh (2°C/8°C) and room temperature (15°C/25°C) products.

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PAF Range: Pure Aluminum - No. 1 for Sun Protection

PAF 901

Pure Aluminum On Both Sides (Inner and Outer).

Inner structure in non-woven Polypropylene. 0.315 mm thick. Lightweight (190 gr/M²), integral and long term protection against UV rays.

All the advantages of the exceptional properties of aluminium. Suitable for all types of products at room temperature (15°C/25°C).



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PAF 902 Pure Aluminum On Both Sides (Inner and Outer).



Structure in resistant synthetic fabric laminated between two layers of aluminum. 0.16mm thick. Very light (150 gr/M²) and resistant, Integral and long-term protection against UV rays. "Full Aluminum" Protection at the Best Price.

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

Technical Layers

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ISO

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MF 901 MF 903 MF 904 MF 905

The Essential Protection

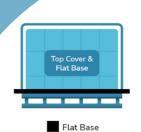
The MF range is designed for shipments of products that need to be stored at room temperature in an environment with moderate thermal constraints.

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

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 Calipo
Density, Kg/m3	1122,38	336,3	865,8	338,3	858,9	ASTM C27
GSM (grams per square meter)						GSM SCA
Tensile Strength, N/mm2	111,73	9,51	59,93	5,7	86,98	ASTM D63
Tear Resistance, KN/m	164,8		172,15		139,66	ASTM D62
Moisture Vapor Transmission, g/m2 per day	0,021	0,0134	0,016	0,015	0,023	ASTM E
Water Pressure Resistance, cm H2O						ISO: 811-20
Air Permeability, cm3/s/cm2	o	0	0	0	0	ASTM D7
Flammability test, (Burning rate)	248,3	276,9	336,1	369	383,06	ASTM D6
Thermal Resistance, (R- Value), (m2-k/w)	0,0019	0,0114	0,0021	0,0071	0,0029	ASTM C1
Thermal Conductivity, W/m-K						ASTM C1

- 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.

Flat Base Included (Preformed tray base on option)



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).



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)...





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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).



MF 905



Inner side in Non-woven Polypropylene.

Thickness 0.12 mm - 3 Technical layers - Very light (125g / M²) Suitable for all types of products at room temperature (below 40°C).



Install Your Cover in Seconds

Open cover up over the load

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

Slide cover down over top of load

Top cover overlaps optional base to prevent water ingress

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

Completed cover fitted 6













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