



RANGE **MET-Q**
THERMAL PALLET COVER

A Better Way to Protect Cargo



MET-Q Reference

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

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

- 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.

| 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/m ³ | 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/mm ² | 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/m ² per day | 0.011 | 0.00. | 0.0156 | 1.37 | ASTM E96 |
| Water Pressure Resistance, cm H ₂ O | 2175 | 2039 | 919 | 52 | ISO: 811-2018 |
| Air Permeability, cm ³ /s/cm ² | 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), (m ² -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 |

Preformed Tray Base Included



Tray Base

MET-Q Range: 4 Solutions for All Your Applications

Technical Layers

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

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Technical Layers

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

Breathable, Lightweight and High Performance.

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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A better way to Protect Cargo

Thermolabo®
Data logging Services

Since 2015

171 Rue du Haut Planil
69440 Saint Laurent d'Agny
France
+33(0)4.82.53.59.45
contact@thermolabo.com
www.thermolabo.com

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