



RANGE **X-PRO**  
THERMAL PALLET COVER

## A Better Way to Protect Cargo



X-PRO A Reference

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

### Versatility and Performance

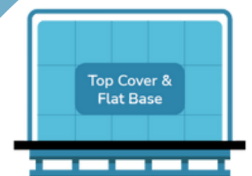
Resulting from METTCOVER experience, the X-PRO - **High Performance** - range offers unrivaled versatility. Depending on the model, the performance provides excellent **Thermal Protection** and **Preserves your Products Against Climatic Aggressions or Environmental Risks** during the transit or even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

- 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.

| 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/m <sup>3</sup>                            | 29.03   | 109.70  | 458.50  | ASTM C271          |
| GSM ( grams per square meter)                         | 540     | 270     | 350     | GSM SCALE          |
| Tensile Strength, N/mm <sup>2</sup>                   | 0.34    | 3.19    | 8.19    | ASTM D638          |
| Tear Resistance, KN/m                                 | 2.35    | 18.24   | 72.1    | ASTM D624          |
| Moisture Vapor Transmission, g/m <sup>2</sup> per day | 0.036   | 0.065   | 0.0184  | ASTM E96           |
| Water Pressure Resistance, cm H <sub>2</sub> O        | 1662.7  | 405.6   | 814     | ISO: 811-2018      |
| Air Permeability, cm <sup>3</sup> /s/cm <sup>2</sup>  | 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), (m <sup>2</sup> -k/w)  | 0.5173  | 0.0491  | 0.0117  | ASTM C177          |
| Thermal Conductivity, W/m-K                           | 0.0371  | 0.0426  | 0.0462  | ASTM C177          |

### Flat Base Included

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



Flat Base

# X-PRO Range: Versatile and High Performance

Technical Layers

## X-PRO Z

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

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## 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

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## X-PRO A

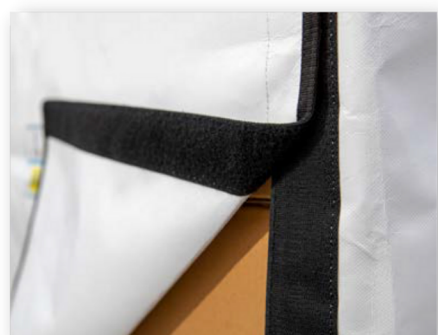
High Tear and Puncture Resistance

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).

Technical Layers

7



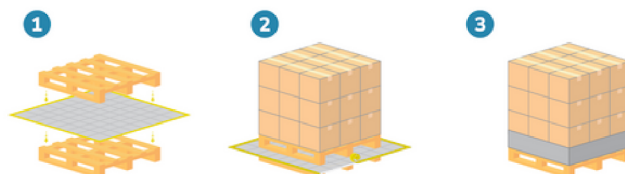
Velcro Opening Option

Option 1 : Pre-formed Base (with sides – used mainly if hand building the pallet)



(In Option)

Option 2: Flat Base (flat piece fitted with tape strips for securing)



(As Standard)

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

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