

VEGAN DOWN MX



ISPO Top of Innovation Award

Breakthrough Innovations in Thermal Insulation!

Date issued: 2021-01-09

Applications (Typical)

Apparel, Gloves, Sleeping bags, Blankets, etc,
mimicing down with no animal parts

Fiber Composition

100% Polyester

Flammability

Class 1, Normal according to US Federal Flammable
Fabrics Act Procedure in 16 CFR Part 1610.

Performance Features

- High thermal efficiency with 100% non-animal based material
- Proprietary **LRTD (Long Range Thermal Dynamics) Technology**
- Water resistant / Moisture management
- Resistance to cold air and warm air retention
- Light weight
- Warm even when damp
- Easy maintenance (Home wash)



Technical Data (Typical Values)

Category	Product Code	Type	Reference
VEGAN DOWN MX	HMX-VN	Regular	Loose fiber fill
VEGAN DOWN MX	HMX-VNR	Recycled & Regular	Loose fiber fill
VEGAN DOWN MX	HMX-VNBD3	Ball	Ball type fiber fill
VEGAN DOWN MX	HMX-VNRD7	Recycled & Ball	Ball type fiber fill

* Actual performance data may vary. Contact your sales representative for more details

Construction Guidelines

VEGAN DOWN MX products may be filled into bags according to each manufacturer's process to handle this type of material. Channel or square quilting may be adopted depending on design of finished goods. In general, max. quilting distance is limited to 6 inches. Adequate quantity of the VEGAN DOWN MX material must be used in order to prevent clustering effect before and after wash. The quantity may vary based on quilting patterns and distance between quilting lines. Users of this material must determine adequate quantity on their own through wash test to ensure proper appearance and wash effects. Please contact your sales representative of HEAT-MX for more details.
Avoid high temperature or high pressure to attain optimum performance.

Care Instructions

Garments made with HEAT-MX insulation material may be home laundered and/or dry cleaned. Follow care instructions provided by the manufacturer or brand of the finished goods.

JUST FEEL IT!



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Product Usage Guidelines*

Garment examples



Vest



Packable & Light weight



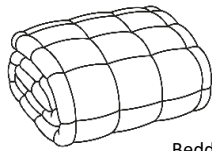
Parka

Glove examples



Ski

Bedding and Sleeping bag



Bedding (Blanket, Pillows, etc)



Sleeping bag

Exceptional Performance Features & Social / Environmental Benefits



Note - Some performance features are specific to a certain product type (product code) and optional. Please contact your sales representative for more details

* Product Usage Guidelines are based on entire area applications of HEAT-MX™ products unless otherwise expressed as per Footwear examples, but may vary depending on specific applications. Contact your sales representative for the approval in case of exceptions from the application methods indicated in this document.

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