



VEGAN DOWN MX

with innovative sustainable technology platform recognized by
ISPO TOP OF INNOVATION AWARD – TOP TEN



Breakthrough Innovations in Thermal Insulation

Date issued: 2022 02 21

APPLICATIONS (TYPICAL)

Apparel, Gloves, Sleeping bags, Home textile products (Blankets, Pillows, etc.), etc., mimicking down without any 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

Proprietary LRTD™ (Long Range Thermal Dynamics) Technology for optimum warmth

Proprietary NMF™ Technology for sustainability

Resistance to cold air and warm air retention

Light weight / Water repellent / Moisture Management

Warm even when damp

Easy maintenance (Home wash, etc)

High thermal efficiency with 100% non-animal based material



TECHNICAL DATA (TYPICAL VALUES)

Code	Reference
HMX-VN	Regular
HMX-VNBD4	Ball - Small
HMX-VNRD7	Ball - Large

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

GOODS 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.





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PRODUCT USAGE EXAMPLES*

CLOTHING EXAMPLES



Vest



Packable & Light weight



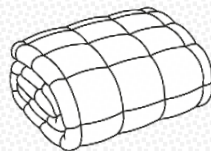
Parka

GLOVE EXAMPLES



Ski

HOME TEXTILES & SLEEPING BAGS EXAMPLES



Blankets & Pillows



Sleeping bags

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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