



**ISPO Top of Innovation Award**

**Breakthrough Innovations in Thermal Insulation!**

Date issued: 2021-01-09

### Applications (Typical)

Various types of home textile products, e.g., Comforter, Pillow, Mattress pad, Throw, Curtin, etc.

### Fiber Composition

100% Polyester

### Flammability

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

### Performance Features

Highest level of thermal efficiency per weight (Proprietary **LRTD (Long Range Thermal Dynamics) Technology**)

Proprietary **NMF (No Micro Fiber) Technology** for sustainability

Light weight / Resistance to compression

Warm even when damp

Home wash / Mite prevention

Water repellent / Moisture management



### Technical Data (Typical Values)

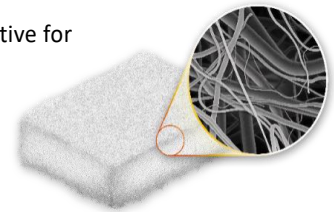
Product Code	Basis Weight	Roll Width (in/cm)	Thickness		TOG
			Inch	cm	
HMX-L80	80	60/152	0.39 ~ 0.51	1.0 ~ 1.3	3.4 ~ 3.9
HMX-L100	100	60/152	0.55 ~ 0.67	1.4 ~ 1.7	4.5 ~ 5.0
HMX-L150	150	60/152	0.71 ~ 0.83	1.8 ~ 2.1	5.1 ~ 5.9
HMX-L200	200	60/152	1.38 ~ 1.54	3.5 ~ 3.9	6.2 ~ 6.8
HMX-L250	250	60/152	1.81 ~ 1.92	4.6 ~ 4.9	9.3 ~ 10.1
HMX-L300	300	60/152	2.01 ~ 2.17	5.1 ~ 5.5	11.2 ~ 12.4

\* All data presented above may vary. Contact your sales representative for more details.

\*\* Other weight products, e.g., 80gsm- or 300gsm+ available up on request. Ask your sales representative for more details

TEST METHODS:

Thickness: ASTM D 5736 @ 0.002 psi TOG: ISO11092:2014



### Construction Guidelines

HEAT-MX Insulation products may be free-hung in edge-stabilized construction not exceeding 22"x22". Quilting and/or adhesive lamination methods may be used for as needed. For any use of the products outside conventional construction methods and/or in combination of unusual material practiced and recognized by the industry in large, please consult the sales representative of HEAT-MX(TM) Products in your region. **Avoid high temperature or high pressure in order 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!



**ISPO Top of Innovation Award**

**Breakthrough Innovations in Thermal Insulation!**

Date issued: 2021-01-09

### Product Usage Guidelines\*

#### Application Examples



Comforter



Mattress Pad



Pillow

#### Exceptional Performance Features & Social / Environmental Contributions



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.

Disclaimer: All marketing assets including, not limited to, hang tags, labels, catalog, sample card, technical data sheet, etc., may change without notice. Marketing claims made towards consumers by the customers of HEAT-MX products and technologies are not responsibility of HEAT-MX Company. Any marketing claims to be made by other parties in association with HEAT-MX products and technologies must be approved by HEAT-MX Company. The HEAT-MX Company shall be neither liable nor responsible for any consequences associated with any and all changes of the marketing claims, assets, etc.

WARRANTY CLAUSES: In the event any HEAT-MX™ product is found to be defective in material, workmanship or not in conformance with any express warranty for a specific purpose, the only obligation of the HEAT-MX Company and your exclusive remedy shall be to repair, replace or refund the purchase price of such parts or products upon timely notification thereof and substantiation that the product has been stored, maintained and used in accordance with the instructions of the HEAT-MX Company. EXCLUSIONS TO WARRANTY: THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY OR CONDITION OF QUALITY, EXCEPT OF TITLE AND AGAINST PATENT INFRINGEMENT. LIMITATION OF LIABILITY: Except as provided above, the HEAT-MX Company shall not be liable or responsible for any loss or damage, whether direct, indirect, incidental, special or consequential, arising out of the sale, use or misuse of HEAT-MX™ products or the user's inability to use such products. THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE. The general terms and conditions of the HEAT-MX Company also apply to the sale of this product. The HEAT-MX Company may change the product, specifications and availability of the product as improvements are made: therefore, user should contact the HEAT-MX Company for latest information before specifying the product. All HEAT-MX™ products are produced within strict dimensional and weight tolerance specifications. However, changes in environment and other factors may cause the final dimensions and/or bag weights to shift, shrink, or otherwise change up to a maximum of ±4% during handling or shipment. Please allow products to recover 24 hours after vacuum pack is removed.