

COMPACT MX

**CLEAN RECYCLING INITIATIVE™ LEVEL 3
ISPO TOP OF INNOVATION AWARD WINNER**



THE MOST SUSTAINABLE TECHNOLOGY IN GLOBAL TEXTILE INDUSTRY

Date issued: 2022 02 21

APPLICATIONS (TYPICAL)

Apparel, Footwear, Gloves, Ski pants, Blankets, etc., requiring thin profile with high thermal efficiency and light weight

FIBER COMPOSITION

100% Polypropylene

FLAMMABILITY

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

PERFORMANCE FEATURES

Proprietary DRI-CAVE™ Technology for dry comfort

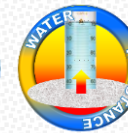
Proprietary LRTD™ (Long Range Thermal Dynamics) Technology for optimum warmth

Thin profile with high thermal efficiency (compression resistant)

Water resistant / Moisture management / Wind proof / Quick drying

Light weight / Warm even when damp

Easy maintenance (Home wash, etc)



TECHNICAL DATA (TYPICAL VALUES)

Product Code	Basis Weight (gsm)	Product Variations	Roll Width (in/cm)	Thickness		CLO
				Inch	cm	
HMX-CR50-L3	50	HMX-CRS65-L3/HMX-CRD80-L3	60/152	0.16 ~ 0.20	0.4 ~ 0.5	0.8 ~ 1.0
HMX-CR75-L3	75	HMX-CRS90-L3/HMX-CRD105-L3	60/152	0.20 ~ 0.24	0.5 ~ 0.6	1.2 ~ 1.5
HMX-CR100-L3	100	HMX-CRS115-L3/HMX-CRD130-L3	60/152	0.24 ~ 0.31	0.6 ~ 0.7	1.5 ~ 1.7
HMX-CR125-L3	125	HMX-CRS140-L3/HMX-CRD155-L3	60/152	0.31 ~ 0.39	0.7 ~ 0.9	1.7 ~ 2.0
HMX-CR175-L3	175	HMX-CRS190-L3/HMX-CRD205-L3	60/152	0.39 ~ 0.51	1.0 ~ 1.3	2.2 ~ 2.5
HMX-CR200-L3	200	HMX-CRS215-L3/HMX-CRD230-L3	60/152	0.51 ~ 0.63	1.3 ~ 1.6	2.5 ~ 2.8
HMX-CR250-L3	250	HMX-CRS265-L3/HMX-CRD280-L3	60/152	0.67 ~ 0.79	1.7 ~ 2.0	3.0 ~ 3.4
HMX-CR300-L3	300	HMX-CRS315-L3/HMX-CRD330-L3	60/152	0.87 ~ 0.98	2.2 ~ 2.5	3.5 ~ 3.9

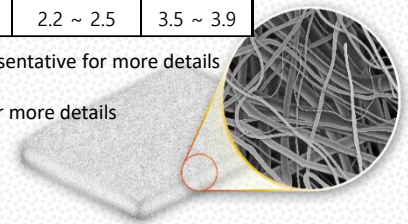
* All data presented on this table may vary on actual products. Please consult with your HEAT-MX™ sales representative for more details

** "S" in the product code represents "Single" scrim and "D" represents "Double" scrims.

*** Other product weights above 300gsm available upon request. Ask your HEAT-MX™ sales representative for more details

Test methods:

Thickness ASTM D5736 @0.002psi, CLO ISO11092:2014



CONSTRUCTION GUIDELINES

COMPACT MX Insulation products may be free-hung in edge-stabilized construction. Maximum distance between stitched lines may vary depending on various factors such as types of shell & lining fabrics, stitching density, etc. Please ask the sales representative of HEAT-MX™ in your region to find out more. 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, please consult the sales representative of HEAT-MX™ products in your region. Avoid high temperature or high pressure in the course of manufacturing 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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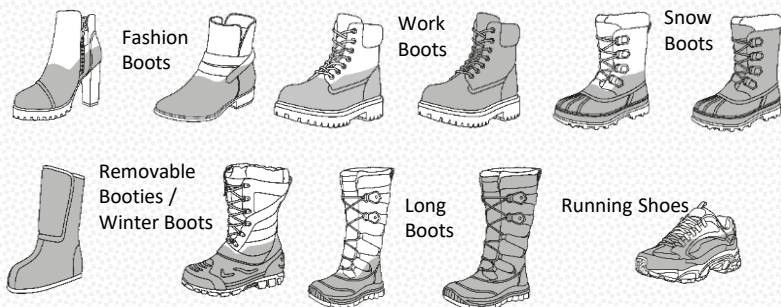


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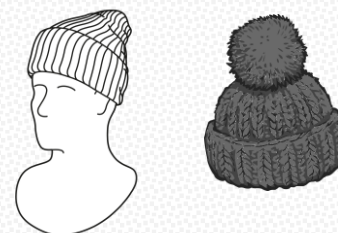
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PRODUCT USAGE EXAMPLES*

FOOTWEAR EXAMPLES



KNITTED HAT EXAMPLES



CLOTHING EXAMPLES



FOOD BAG EXAMPLES



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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