

FOOTWEAR APPLICATION

Breakthrough Innovations in Thermal Insulation!

Date issued: 2021-01-11

OVERVIEW

Information presented in this document contains the HEAT-MX technology platforms in thermal insulation technologies used for FOOTWEAR applications.

HEAT-MX™ TECHNOLOGY PLATFORMS FOR FOOTWEAR

COMPACT-MX

ISPO TOP OF INNOVATION AWARD WINNER

Sheet-type Non-woven

100% Polypropylene or PET/PP blend

Cruelty-free



Selection



LOFT-MX

ISPO TOP OF INNOVATION AWARD WINNER

Sheet-type Non-woven

100% Polyester

Cruelty-free



Selection



FR-MX

Based on the same technology platform as
ISPO TOP OF INNOVATION AWARD WINNER

Sheet-type Non-woven

100% Polyester

Cruelty-free



Selection



STRETCH-MX

ISPO TOP OF INNOVATION AWARD WINNER

Sheet-type Non-woven

100% Polyester

Cruelty-free



Selection



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TEMPERATURE RANGES

The technology platforms presented in this document can cover all four HEAT-MX™ temperature rating categories shown below:



COLD

(0°C~-20°C/32°~-5°F)



VERY COLD

(-20°C~-40°C/-5°~-40°F)



EXTREME COLD

(-40°C~-60°C/-40°~-75°F)








EXPEDITION

(-60°C~-100°C/-75°~-150°F)

TECHNICAL FEATURES¹

COMPACT-MX **LOFT-MX** **STRETCH-MX** **FR-MX**

 4-WAY STRETCH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 ABRASION RESISTANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>
 CHANNEL SIZE INCREASE	NA	NA	NA	NA
 CLUSTER-RELIEF	NA	NA	NA	NA
 COLD-SPOT-RELIEF	NA	NA	NA	NA

1- Please refer to www.heat-mx.com for more technical details

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TECHNICAL FEATURES¹ (CONTINUES)

	<i>COMPACT-MX</i>	<i>LOFT-MX</i>	<i>STRETCH-MX</i>	<i>FR-MX</i>
 DOWN-PROOF / FIBER-PROOF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 DRI-CAVE™	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 FLAME RETARDANT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
 HIGH VOLUME	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 LONG RANGE THERMAL DYNAMICS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 MOISTURE MANAGEMENT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
 ODOR RESISTANT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 SWEAT RESISTANT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





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TECHNICAL FEATURES¹ (CONTINUES)

	<i>COMPACT-MX</i>	<i>LOFT-MX</i>	<i>STRETCH-MX</i>	<i>FR-MX</i>
 WARM EVEN IN WET WEATHER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 WATER REPELLENT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 WATER RESISTANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 WIND PROOF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>







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SOCIAL / ENVIRONMENTAL BENEFITS¹

	<i>COMPACT-MX</i>	<i>LOFT-MX</i>	<i>STRETCH-MX</i>	<i>FR-MX</i>
 CHEMICAL-FREE PERFORMANCE FEATURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 CLEAN RECYCLING INITIATIVE™	<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
 CLEANLY RECYCLABLE	<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
 CLEANLY RECYCLED or RECYCLED*	<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/> *	<input type="checkbox"/>
 ENERGY SAVING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 HOME LAUDRY / NO-DRY-CLEANING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 NMF™ TECHNOLOGY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 SUSTAINABLE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* (IMPORTANT) Product-code-specific. Please ask your HEAT-MX™ sales representative for more details.

1- Please refer to www.heat-mx.com for more technical details

Notes – Information presented in this document may change without notice. Please contact your HEAT-MX™ sales representative for complete and updated information.

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Replaces all previous documents issued under the same purpose