

LIGHT-WEIGHT APPAREL 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 LIGHT WEIGHT APPAREL applications.

HEAT-MX™ TECHNOLOGY PLATFORMS FOR LIGHT-WEIGHT APPAREL



ISPO TOP OF INNOVATION AWARD – TOP TEN WINNER

- Proprietary Internal Structure¹
- Polyester & Polypropylene
- Does not use down-feather
- Cruelty-free



ISPO TOP OF INNOVATION AWARD WINNER

- Proprietary Internal Structure¹
- Polyester & Polypropylene
- Uses down-feather as filler



ISPO TOP OF INNOVATION AWARD WINNER

- Sheet-type Non-woven
- 100% Polyester
- Cruelty-free



ISPO TOP OF INNOVATION AWARD WINNER

- Sheet-type Non-woven
- 100% Polyester or PET/PP blend
- Cruelty-free



1 - Patent-pending

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HEAT-MX™ TECHNOLOGY PLATFORMS FOR MEDIUM WEIGHT APPAREL (CONTINUES)



ISPO TOP OF INNOVATION AWARD – TOP TEN WINNER

- Loose-fiber type
- 100% Polyester
- Cruelty-free



Based on the same technology platform as **FR-MX**
ISPO TOP OF INNOVATION AWARD WINNER

- Sheet-type Non-woven
- 100% Polyester
- Cruelty-free



ISPO TOP OF INNOVATION AWARD WINNER

- Sheet-type Non-woven
- 100% Polyester
- Cruelty-free



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)

Lower temperature rating may be available. Please ask your HEAT-MX™ sales representative for more details.

EXTREME COLD

EXPEDITION

1 - Patent-pending

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









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TECHNICAL FEATURES²

LOFT-MX **VEGAN-DOWN-MX** **COMPACT-MX** **STRETCH-MX** **FR-MX** **nDownTM** **iDownTM**
THE BRG TECHNOLOGY THE BRG TECHNOLOGY

	LOFT-MX	VEGAN-DOWN-MX	COMPACT-MX	STRETCH-MX	FR-MX	nDown TM	iDown TM
 4-WAY STRETCH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 ABRASION RESISTANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 CHANNEL SIZE INCREASE	<input type="checkbox" value="NA"/>	<input type="checkbox"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 CLUSTER-RELIEF	<input type="checkbox" value="NA"/>	<input type="checkbox"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 COLD-SPOT-RELIEF	<input type="checkbox" value="NA"/>	<input type="checkbox"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 DOWN-PROOF / FIBER-PROOF	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 DRI-CAVE™	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 FLAME RETARDANT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

² Please refer to www.heat-mx.com for more technical details

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TECHNICAL FEATURES² (CONTINUES)

LOFT-MX VEGANDOWN-MX COMPACT-MX STRETCH-MX FR-MX nDown THE BRQ TECHNOLOGY iDown THE BRQ TECHNOLOGY

	LOFT-MX	VEGANDOWN-MX	COMPACT-MX	STRETCH-MX	FR-MX	nDown	iDown
 HIGH VOLUME	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 MOISTURE MANAGEMENT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 ODOR RESISTANT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 SWEAT RESISTANT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 WARM EVEN IN WET WEATHER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 WATER RESISTANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 WIND PROOF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

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SOCIAL / ENVIRONMENTAL BENEFITS¹

LOFT-MX VEGANDOWN COMPACT -MX -MX STRETCH -MX FR-MX nDown THE BRQ TECHNOLOGY iDown THE BRQ TECHNOLOGY

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