

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 MEDIUM WEIGHT apparel applications.

HEAT-MX[™] TECHNOLOGY PLATFORMS FOR MEDIUM 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





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HEAT-MX™ TECHNOLOGY PLATFORMS FOR HEAVY APPAREL (CONTINUES)



ISPO TOP OF INNOVATION AWARD - TOP TEN WINNER

Loose-fiber type 100% Polyester Cruelty-free





Based on the same technology platform as 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:



(0°C~-20°C/32° ~-5°F)



(-20°C~-40°C/-5° ~-40°F)

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



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TECHNICAL FEATURES²

Lof	т-МХ	VEGANDOWN -MX	FR-MX	POWN SALE THE BRG TECHNOLOGY	IDOWN THE BAG TECHNOLOGS
4-WAY STRETCH					
ABRASION RESISTANCE		NA		$\overline{\checkmark}$	$\overline{\checkmark}$
CHANNEL SIZE INCREASE	NA			✓	V
CLUSTER-RELIEF RELIEF	NA		NA	✓	V
COLD-SPOT-RELIEF	NA		NA	\bigcirc	✓
DOWN-PROOF / FIBER-PROOF	NA	NA	NA	$\overline{\checkmark}$	 ✓
DRI-CAVE™				✓	$\overline{\checkmark}$
FLAME RETARDANT			$\overline{\checkmark}$		



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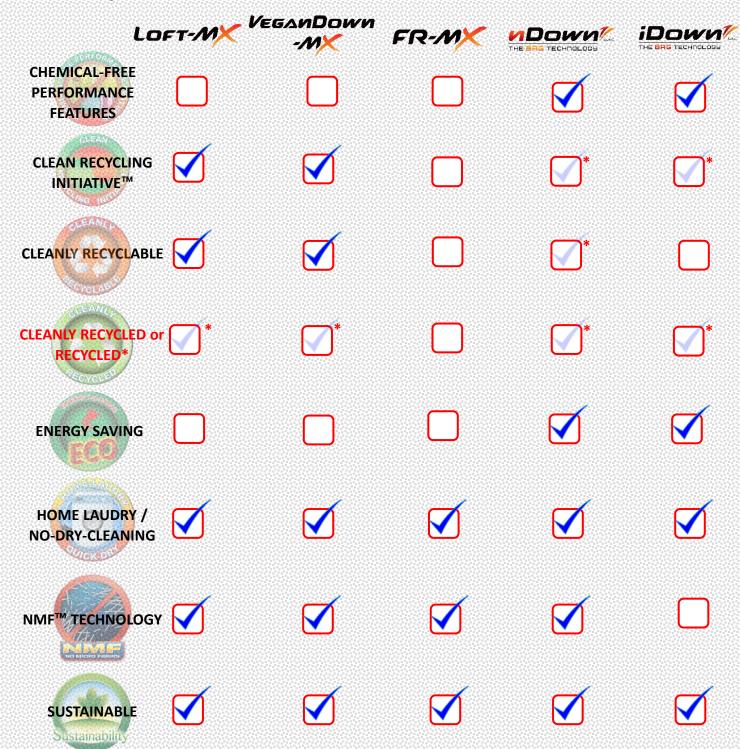
TECHNICAL FEATURES² (CONTINUES)

La	FT-MX VEG			NDOWN LEGATOR THE BAC TECHNOLOGY	IDOWN THE BAG TECHNOLOGY
HIGH VOLUME	✓	✓	⊘	✓	✓
LONG RANGE THERMAL DYNAMICS	✓	✓	⊘	✓	☑
MOISTURE MANAGEMENT	$\overline{\checkmark}$	$\overline{\checkmark}$	$\overline{\checkmark}$	$\overline{\checkmark}$	✓
ODOR RESISTANT				✓	Ø
SWEAT RESISTANT				$\overline{\checkmark}$	✓
WARM EVEN IN WET WEATHER	⊘	$\overline{\checkmark}$	✓	⊘	✓
WATER REPELLENT	✓	\bigcirc	⊘	V	✓
WATER RESISTANCE				⊘	✓
WIND PROOF				$\overline{igotimes}$	$\overline{\checkmark}$



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SOCIAL / ENVIRONMENTAL BENEFITS¹



- * (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^{TM} sales representative for complete and updated information.

DOCUMENT ID: ASP-MED-1-2101-6