



FEATHERLESS

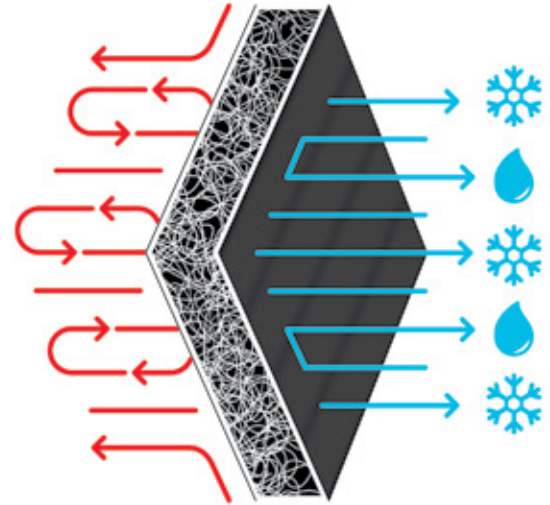
3M

THINSULATE™
Insulation

3M™ Thinsulate™ Featherless Insulation

A kinder alternative to feathers, 3M™ Thinsulate™ Featherless Insulation is an innovative material to replace natural down. A loose-fill insulation designed by scientists that mimics down when dry and is warmer than down when wet. 3M™ Thinsulate™ Featherless Insulation is an ideal synthetic alternative to down in any application.

- Mimics look and feel of down in garments
- Performs when wet
- Loose-fill insulation allows for custom gram weights
- Recommended by ducks and geese



“3M™ Thinsulate™ Featherless Insulation has revolutionized the industry, bringing lightweight comfort to outerwear and enhancing people's ability to enjoy the outdoors. No other insulation delivers more name recognition or a broader range of product options.”

-ISPO TEXTRENDS 2015

Consumer received free product.
Actual consumer not shown in photo.



FEATHERLESS
FL600, FL700

TECHNOLOGY



Warmest (140g and above)		Warmer (80g - 140g)		Warm (60g or less)	
XT-S40	XT-S80 XT-S80 XT-S100	FR120	J60 J80 J100	R70 R100 R180	FL600
FX40 FX70 FX100	XT-S150	FR150 FR200	J150 J160 J200 J250	R200	FL700
Fill Power Warmth (350 - 600)		Fill Power Warmth (500 - 650)		Fill Power Warmth (650 - 800)	
Warmest (140g-250g)		Warmer (80g-140g)		Warm (Up to 60g)	
KL150 KL200 KL250 TYPE 0	U150 U200	C200 C250 C300	M200	G70 G100 G150	M60
Warmest (600g-1000g)		Warmer (300g-600g)		Warm (Up to 300g)	
		BZ200 BZ400 BZ500 BQ600	B400	BQ400	B100 B200
			B600		

ORIGINAL

FOOTWEAR



Home Care Division

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thisinsulate.com

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PRODUCT USE: Because of the variety of factors that can affect the use and performance of Thinsulate insulation, user is solely responsible for evaluating the product and determining whether it is fit for a particular purpose and suitable for user's method of application. 3M may change the product, specification and availability of the product as improvements are made; therefore, user should contact 3M for latest information before specifying the product.

All Thinsulate insulation rolls are made within strict dimensional tolerance specifications. However, length and/or width dimensions may shift, shrink, or otherwise change up to a maximum of ±4% during handling or shipment. Please allow 24 hours after vacuum pack is removed.

