

3M™ Thinsulate™ Insulation Type M

Trapping heat at all the right times, Type M is the economical choice for lightweight, mid-loft insulation.

ORIGINAL



features

- 100% Polyester
- Mid-loft
- 0.8-2.3 Clo value
- Traps and retains body heat



Warm



Lightweight



Soft

ideal for

- Performance apparel
- General wear
- Accessories

certifications



partner benefits

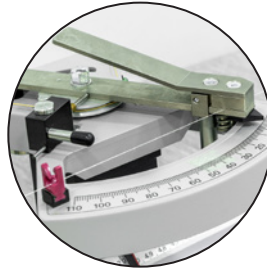
When you choose 3M™ Thinsulate™ Insulation, you're choosing a world-renowned product paired with worldwide service. Partner with us and discover the power of our:

global locations



With a **local presence in more than 70 countries**, we can easily work with you and your mill, supporting your production needs from start to finish.

technical expertise



As a company driven by science, we can perform **more than 20 comprehensive tests on our insulation**, carefully evaluating critical features such as compression, thermal resistance, water absorption, and more.

brand



Recognized as a world-class brand, we'll work with you to **support your marketing and sales efforts.**

Typical Values*	3M™ Thinsulate™ Insulation (Types M)										
	Base Weight		Thickness ASTM D 5736 @0.002 psi		Thermal Resistance (R _e) ASTM F 1868			Roll Width		Roll Length	
	g/m ²	oz/yd ²	cm	inch	clo	R-value	m ² °K/W	inch	m	Lin. Yard	Lin. Meter
M60	60	1.8	-	-	≥ 0.8	-	≥ 0.12	60	1.52	100	91
M80	80	2.4	-	-	≥ 1.2	-	≥ 0.19	60	1.52	80	73
M100	100	2.9	-	-	≥ 1.5	-	≥ 0.23	60	1.52	65	59
M150	150	4.4	-	-	≥ 1.9	-	≥ 0.29	60	1.52	45	41
M200	200	5.9	-	-	≥ 2.3	-	≥ 0.36	60	1.52	35	32

*Values represent the averages of the population of lots at date of publication



Want more protection from the elements? Ask us about the Scotchgard™ Protector that can further enhance the performance needs of your apparel.

3M

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The Future Of Performance. Sustainably Driven. Scientifically Backed.