



3M™ Thinsulate™ Insulation **Water Resistant** (Type J)

Designed to withstand the storm, the hydrophobic fibers in this insulation provide superior water resistance, all while helping keep its users warm and comfortable.

features

- 1.5-4.4 Clo value
- 100% Polyester
- Synthetic fibers absorb less than 1% of their weight in water
- Retains warmth and dryness without extra weight



Water resistant



Warm



Soft, luxurious feel



Performs when wet

ideal for

- Performance apparel
- Outerwear
- Gloves
- Accessories

certifications



partner benefits

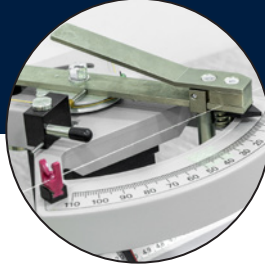
When you choose 3M™ Thinsulate™ Insulation, you're choosing a world-renowned product paired with worldwide service. Partner with us and discover the power of our:

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 J)										
	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
J60	60	1.8	0.8	0.3	1.5	1.3	0.24	60	1.52	100	91
J80	80	2.4	1.0	0.4	1.9	1.7	0.29	60	1.52	80	73
J100	100	2.9	1.2	0.5	2.2	2.0	0.35	60	1.52	65	59
J120	120	3.5	1.4	0.6	2.6	2.2	0.40	60	1.52	55	50
J150	150	4.4	1.7	0.7	3.0	2.7	0.47	60	1.52	45	41
J200	200	5.9	2.1	0.8	3.7	3.3	0.58	60	1.52	35	32
J250	250	7.4	2.5	1.0	4.4	3.9	0.68	60	1.52	30	27

*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.

