

ADVANCED

3M™ Thinsulate™ Insulation Type G

The workhorse of the 3M™ Thinsulate™ Insulation family, Type G is the lightweight, synthetic solution for durability, breathability, and moisture resistance.

features

- 100% Polyester
- Hypoallergenic, mid-loft
- 1.4-3.3 Clo value
- Thermally bonded fiber matrix ensures durability



Warm



Durable



Breathable



Moisture
resistant

ideal for

- Performance apparel
- Outerwear
- Workwear
- Gloves
- Accessories

certifications



partner benefits

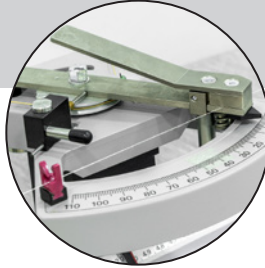
When you choose 3M™ Thinsulate™ Insulation, you're choosing a world-renowned product paired with worldwide service. Partner with us and discover the power of our:

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 G)										
	Base Weight		Thickness ASTM D 5736 @0.002 psi		Thermal Resistance (R _c) 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
G60	60	1.8	0.8	0.31	1.4	1.2	0.22	60	1.52	100	91
G80	80	2.4	1.1	0.45	1.9	1.6	0.29	60	1.52	80	73
G100	100	2.9	1.3	0.53	2.2	1.9	0.34	60	1.52	65	59
G120	120	3.5	1.5	0.59	2.5	2.2	0.38	60	1.52	55	50
G150	150	4.4	1.7	0.67	2.8	2.5	0.43	60	1.52	45	41
G200	200	5.9	2.0	0.78	3.3	2.9	0.51	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.



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The Future Of Performance. Sustainably Driven. Scientifically Backed.

