

ADVANCED

3M™ Thinsulate™ Insulation **Bedding** (Type Z)

Developed exclusively for bedding, Type Z is a puffy insulation that uses highly siliconized fibers to deliver a soft, luxurious feel.

features

- Soft, luxurious feel
- Puffed texture
- 1.8-4.0 Clo value



Warm



Soft



Breathable



Lightweight

ideal for

- Bedding

certifications



partner benefits

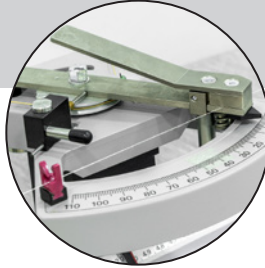
When you choose 3M™ Thinsulate™ Insulation, you're choosing a world-renowned product paired with worldwide service. Partner with us and discover the power of our:

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 Z)										
	Base Weight		Thickness ASTM D 5736 @0.002 psi		Thermal Resistance (R _{ci}) 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
Z80	80	2.4	1.0	0.4	1.8	1.6	0.28	60	1.52	80	73
Z120	120	3.5	1.4	0.6	2.3	2.0	0.36	60	1.52	55	50
Z150	150	4.4	1.7	0.7	2.7	2.4	0.42	60	1.52	45	41
Z250	250	7.4	2.7	1.1	4.0	3.5	0.62	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.



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The Future Of Performance. Sustainably Driven. Scientifically Backed.