

# 3M THINSULATE™ Insulation

ADVANCED ECO



## 3M™ Thinsulate™ Insulation **78% Recycled** (Type EC)

Crafted from up to 78% post-consumer recycled material, this synthetic insulation is a light, warm, and economical solution.

### features

- 78% Post-consumer recycled ingredients
- 1.3-3.0 Clo value



Economical



Warm



Lightweight

### ideal for

- Outerwear
- Sportswear

### certifications



## partner benefits

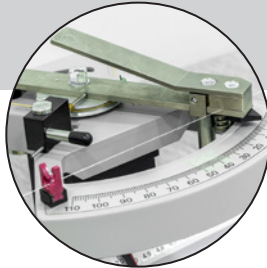
When you choose 3M™ Thinsulate™ Insulation, you're choosing a world-renowned product paired with worldwide service. Partner with us and discover the power of our:

### 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.**

Product Designation	Base Weight		Thickness ASTM D 5736 @0.002 psi		Thermal Resistance (R <sub>cf</sub> ) ASTM F1868		
	g/m <sup>2</sup>	oz/yd <sup>2</sup>	cm	inch	clo	R-value	m <sup>2</sup> °K/W
EC60	60	1.8	0.9	0.35	1.3	1.1	0.20
EC80	80	2.4	1.1	0.43	1.6	1.4	0.25
EC100	100	2.9	1.3	0.51	1.9	1.7	0.29
EC120	120	3.5	1.5	0.59	2.1	1.8	0.33
EC150	150	4.4	1.8	0.71	2.5	2.2	0.39
EC200	200	5.9	2.3	0.91	3.0	2.6	0.47

Values represent the averages of the population of lots at data 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.**