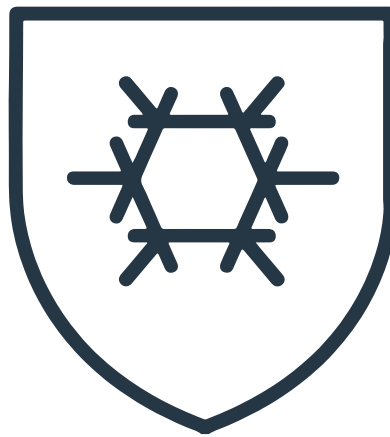


## What protection do my gloves give me from the Cold?

### EN511

EN511 is a great standard that we use in the safety sector to show how protective gloves are from the risks associated with cold weather or conditions. Understanding each part of the rating will help you select the best gloves for your workforce.

# EN 511



This is a measure of a glove's insulative performance. It supplies an indication of a glove's performance in generally cold conditions. The rating is a score of between 1 and 4 with 4 offering the most protection.

This rating is very similar to the convective rating in terms of an indication of general protection. It is measured on the transfer of heat when the glove is in contact with a cold surface. Again, the rating is between 1 and 4 with 4 being the best performance.

A glove that has no permeability is a much higher standard than what is generally referred to in the industry as water resistant or waterproof. This focuses on water penetration into the glove and is a pass/fail score. Gloves that are not tested are given an X with a score of 0 being a failure and 1 a pass.

Using this table you'll be able to specify the exact rating you require for your thermal gloves:

Performance Level	Minimum Temperature For Use (°C)		
	Low Activity	Medium Activity	High Activity
1		10	-15
2		0	-30
3	8	-15	
4	-10	-30	