WHY DO ANIMALS HAVE BLUBBER?

How does blubber help animals survive in freezing water?

TRY THIS SIMPLE EXPERIMENT!

1. Submerge one finger into iced water.
2. Time how long your finger can withstand the cold.
3. Then, place the same finger into some shortening.
4. Repeat step 1 and 2.

Which finger lasted longer?

Just like the shortening, blubber helps animals insulate heat and helps slow the transfer of heat to the body, keeping the warmth locked in.
The oceans in the Arctic and Antarctic regions can drop to temperatures of −2 to 10 degrees Celsius.

Mammals such as whales, seals, and polar bears have a layer of blubber to insulate them from the cold waters.

Blubber is made of adipose tissue, which slows the transfer of heat to the body.