



C11

CLOTHING Gore-tex Outfit

Key Facts:

- The material is water repellent and wind proof.
- Gore-tex is breathable allowing moisture to be released, which keeps the wearer warm.
- Requires under layers to keep the wearer at a comfortable temperature in the -28°C Antarctic.
- The material is tough but light enough to give the wearer free movement.
- Is difficult to repair if damaged due to need for specialised materials and equipment.





C12

CLOTHING
**Sealskin/
fur outfit**

Key Facts:

- Very warm and comfortable due to using the fur of animals native to the Antarctic, can keep people warm in temperatures as low as -35°C .
- Easy to repair due to the use of traditional materials.
- Animal skin and fur is naturally breathable allowing moisture to be released, which helps to keep the wearer warm.
- Does not require many under layers to be effective.
- Restricts movement due to the thickness of the material.
- Uses mittens rather than gloves which reduces the ability to carry out intricate tasks when wearing them.



C13



CLOTHING

Waxed Canvas outfit

Key Facts:

- Traditional expedition clothing, which is tried and tested.
- Outfits are filled with duck feathers (known as 'down'), which means they are extremely warm. Will keep the wearer warm in temperatures as low as -30°C , with the addition of thermal under layers.
- Easily repairable due to the use of simple technologies.
- Limited waterproofing due to being waxed. The material is completely windproof whilst also being naturally breathable.
- Canvas is extremely flexible allowing for completely free movement.





C14

CLOTHING
**Plastic water-
proof outfit**

Key Facts:

- Made out of 100% waterproof material.
- Breathable allowing moisture to be released, which helps to keep the wearer warm.
- Not hard-wearing. Limited repairs can be made.
- With under layers this material can keep the wearer warm in temperatures as low as -15°C .
- Extremely flexible allowing for complete movement.





C15

CLOTHING
**Plastic water-
proof outfit**

Key Facts:

- Heavy-duty durable material that can be repaired on the go.
- 100% water proof material, which is non-breathable.
- The rubberised material provides limited warmth; with the addition of under layers can keep the wearer warm in conditions up to -30°C .
- Flexible material that only limits movement slightly.
- Provides 100% wind resistance.

