

GORE-TEX® SLEEP SYSTEMS WITH GORE GAS PERMEABLE TECHNOLOGY



O₂ AND CO₂ PERMEABLE

The GORE-TEX® Sleep System with Gore Gas Permeable Technology is a waterproof and windproof multifunctional cover with perfect properties for all military activity in wet terrain and in rain. Its unique GORE-TEX® laminate is not only extremely breathable, but also permeable to oxygen and carbon dioxide in the ambient air. This means it is possible to create a completely closed waterproof and windproof environment for sleeping within adverse weather conditions. Air permeability of the system has been tested to a depth of 1 m of snow.



PROTECTION AGAINST COLD AND WET

GORE-TEX® Sleep Systems with Gore Gas Permeable Technology demonstrate excellent insulation properties and to the soldier they mean additional protection against the cold, especially when closed. In extreme sub zero temperatures of $-20\text{ }^{\circ}\text{C}$ outside the GORE-TEX® Sleep System, the inside temperature in the head area, for example, is $19\text{ }^{\circ}\text{C}$ higher, i.e. about $-1\text{ }^{\circ}\text{C}$. Even in these temperatures the material does not become brittle or fragile. The condensation of moisture vapour on the inside is reduced and any condensation water that occurs is quickly transported to the outside.

GORE-TEX®
PRODUCTS

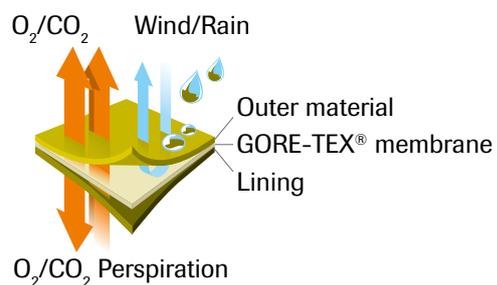




LESS WEIGHT AND VOLUME, MORE FLEXIBILITY

GORE-TEX® laminate for sleep systems is designed to be light weight and packable. To achieve the best balance of durability and light weight a combination of materials can be used with a lighter weight gas permeable fabric for the top cover, and a robust laminate for the ground sheet. This gives the best balance of weight, durability and protection.

GORE-TEX® Sleep Systems are versatile and in addition to being used as a bivy/small tent, they can also be used as observations posts, emergency stretcher, portable waterproof store or as a waterproof bag for river crossing (see picture).



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