

Introduction

Porelle membranes have been used by numerous military organisations worldwide. With this background you can have confidence that Porelle membranes not only meet user requirements, but are also a proven technology in the field. They have been used in a range of applications that includes:

- *garments,*
- *footwear,*
- *bivy bags,*
- *gloves,*
- *hats.*

Whether it is the army, air-force, navy or special forces Porelle membranes can be tailored to meet specific user requirements offering both protection against the weather elements and the working environment.

Technology features

Porelle waterproof breathable membrane technology features:

- **protection against extreme winter elements and conditions:**
cold, wind, rain, wet or high humidity environments.

- **protection against the working environment:**
POL resistant, DEET (chemical insecticide) resistant, flame resistance.

- **performance in use:**
durable, light weight and flexible, low noise, highly breathable and comfortable, wash or dry clean.

- **performance against key test standards as a fabric laminate:**
waterproof in excess of 10,000 mm water column after washing,
RET breathability data < 1 for membrane,
RET data breathability < 4 for 2 ply laminate,
RET breathability data < 8 for 3 ply laminate,
pass - 40°C cold crack flex tests,
and many other test parameters....



waterproof



chemical resistant



viral resistant



breathable



durable



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