

Laminated fabric with high water proofness and high moisture permeability

SAITOS™

SAITOS™ is a high performance fabric using a special polyurethane membrane developed by Komatsu Matere Co.,Ltd.

Excellent functionality

【 Moisture permeability 】

The excellent release function that absorbs moisture such as sweat and emits it as steam suppresses the feeling of stuffiness and makes the inside of clothes comfortable.

【 Windproof 】

Prevents cold wind from entering your clothes and keeps your body temperature from dropping.

【 Waterproof / water resistant 】

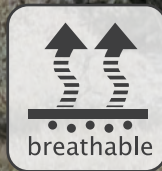
It can prevent penetration of water even when high water pressure is applied over long hours. And also has excellent waterproofness to prevent rain and water entering from outside.



windproof



waterproof



breathable



stretch

*In case the outer shell has the stretch feature

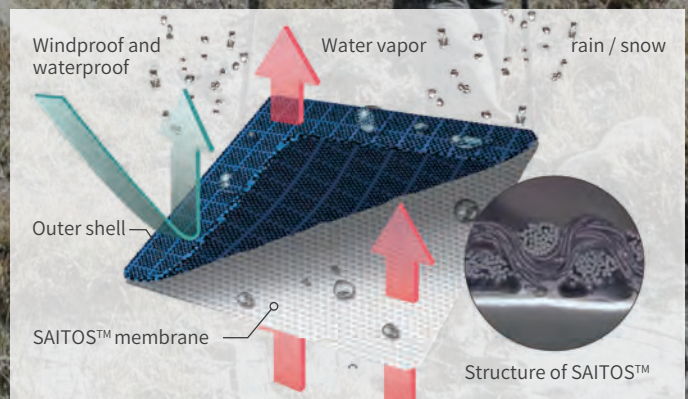
2 layers

Water proofness	10,000mmH ₂ O (98kPa) or more
Moisture permeability	10,000g / m ² · 24hrs or more *

3 layers

Water proofness	20,000mmH ₂ O (198kPa) or more
Moisture permeability	8,000g / m ² · 24hrs or more *

* JIS L1099 B-1 method



高耐水压 · 高渗潮叠层织物

SAITOS™

SAITOSTM 是采用小松美特料株式会社独自开发的特殊聚氨酯薄膜而制成的高功能织物。

出色的功能性

【渗潮性】

吸附汗等水分,以水气形式散发出去,具有出色的排放功能,从而能防止闷热,使衣服内保持舒适。

【防风性】

防御寒风入侵衣内,控制体温下降。

【防水 · 耐水性】

即使长时间施加水压也能抗得住 (不进水)。此外还兼具出色的防水性能,防止外部雨、水侵入。



防风



防水



渗潮



拉伸弹性

*外部材料被拉伸在材料的情况下

【2层】

耐水度	10,000mmH ₂ O(98kPa) 以上
渗潮率	10,000g/ m ² · 24hrs 以上 ※

【3层】

耐水度	20,000mmH ₂ O(198kPa) 以上
渗潮率	8,000g/ m ² · 24hrs 以上 ※

※JIS L1099 B-1法

