

Modified polyester fabric

MAWUS™

since 1980

“MAWUS™” was born in 1980. It’s more comfortable than regular polyester thanks to KOMATSU MATERE’s original technology in polyester property modification.

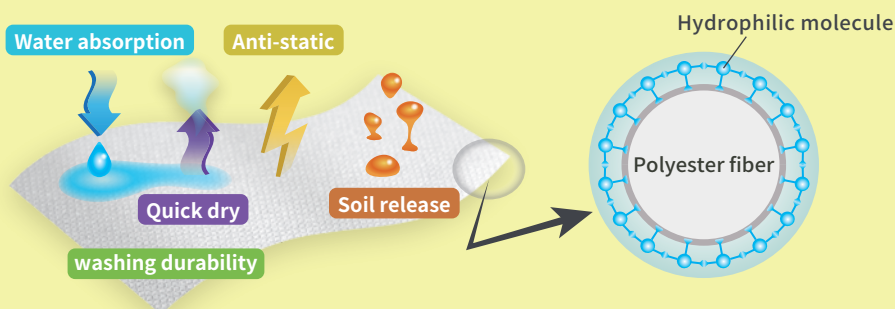
Multi
purpose

Anti-
static

Water
absorption
& quick dry

Ultra
washable

Soil
release



MAWUS™’ original property modification technology

Polyester is hydrophobic, but its’ surface can be modified to hydrophilic by using graft polymerization technology. Polyester fabric can obtain antistatic, water absorption, quick drying and soil release properties through this finishing.



Anti-static



Water absorption



Quick dry



Washing durability



Soil release

Function	Test method	Standard value
Anti-static	Friction-charged electrostatic potential	Initial stage ≤ 500V, 100HL ≤ 3000V
Water absorption	Dropping test	Initial stage ≤ 10sec., 100HL ≤ 10sec.
Quick dry	Residual moisture percentage *original testing method	Initial stage ≤ 45min., 100HL ≤ 60min.
Soil release	DAIYAPESTO *original testing method	Initial stage ≥ 3rd grade, 100HL ≥ 2nd grade

*Based on laboratory conditions. Actual performance may differ depending on the washing method.



聚酯改良加工面料

MAWUS™

since 1980

“MAWUS™”发明诞生于1980年。是使用了小松美特料公司独创的聚酯改性技术，将聚酯材料变得更加舒适。

Multi purpose

[多用途]

Anti-static

[抗静电特性]

Water absorption & quick dry

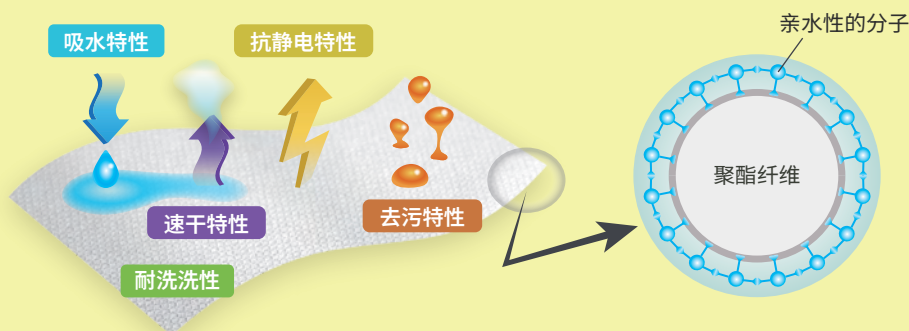
[吸水速干特性]

Ultra washable

[耐洗性]

Soil release

[去污特性]



MAWUS™的独创改性加工技术

聚酯纤维本具有不亲水的性质。但是，通过使用了重合加工技术，使得聚酯纤维表面的特性改变成了亲水的性质；也因此，能够发挥出“抗静电特性”、“吸水速干特性”和“去污特性”等特性。此外，还兼具出色的“耐洗性”，可以长期保持各种功能的效果。



抗静电



吸水



速干



耐洗



去污

功能	实验方法	规格数值
抗静电特性	摩擦带电压	初始值≤500V, 100HL≤3000V
吸水特性	滴下方法	初始值≤10sec., 100HL≤10sec.
速干特性	残留水分率	初始值≤45min., 100HL≤60min.
去污特性	金刚石膏方法	初始值≥3级, 100HL≥2级

