

< Physical property of **Ventex** >

		Made in JAPAN					Made in TAIWAN				
Test Method		Ventex-LQ	Ventex-12SF	Ventex-20	Ventex-25	Ventex-25FR	V-tex18	V-tex23	#2101	#2102 (Ventex-α)	
Composition		100% Polyurethane	100% Polyurethane	100% Polyurethane	100% Polyurethane	100% Polyurethane (FR Type)	100% Polyurethane	100% Polyurethane	100% ePTFE (Teflon)	71% ePTFE 29% Polyurethane	
Character		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic		Bi-Component	
		Non-porous	Non-porous	Non-porous	Non-porous	Non-porous	Non-porous	Non-porous	Micro-porous	Non-porous	
Standard Color		White	White	White	White	White	White/Half Transparent	White/Half Transparent	White	White	
Other Colors			(Half Transparent)	(Half Transparent/Grey)			(Black/Grey)	(Black/Grey)		Possible (PU Side)	
Thickness		12 (± 2) μ	12 (± 2) μ	20 (± 3) μ	25 (± 3) μ	25 (± 3) μ	18 (± 2) μ	23 (± 2) μ	25 (± 10) μ	35 (± 10) μ	
Weight		12-14 g/sqm (± 3)	12-14 g/sqm (± 3)	22 g/sqm (± 2)	32.5 g/sqm (± 3)	31.7 g/sqm (± 3)	18 g/sqm (± 2)	23 g/sqm (± 2)	11 g/sqm (± 2)	28 g/sqm (± 3)	
Width		1,520 (± 15) mm	1,520 (± 15) mm	1,520 (± 15) mm	1,520 (± 15) mm	1,520 (± 15) mm	1,520 (± 15) mm	1,520 (± 15) mm	1,575 (- 20) mm	1,535 (± 15) mm	
Roll Length	Average	500 m	500 m	1,000 m	500 m	500 m	800 - 1,000 m	800 - 1,000 m	500 m	500 m	
Minimum Order		10,000 m	10,000 m	10,000 m	10,000 m	10,000 m	16,000 m -> 20,000 m	16,000 m -> 20,000 m			
Water Proofness #	JIS 1092B	> 20,000 mm	> 20,000 mm	> 20,000 mm	> 20,000 mm	> 20,000 mm	> 15,000 mm	> 15,000 mm	> 20,000 mm	> 35,000 mm	
Moisture Vapour Premeability	JIS L 1099A-1								> 15,000 g/sqm/24h	> 5,000 g/sqm/24h	
	JIS L 1099B-1	> 100,000 g/sqm/24h	> 100,000 g/sqm/24h	> 100,000 g/sqm/24h	> 60,000 g/sqm/24h	> 40,000 g/sqm/24h	> 100,000 g/sqm/24h	> 80,000 g/sqm/24h	> 70,000 g/sqm/24h	> 70,000 g/sqm/24h	
Air Permeability		No	No	No	No	No	No	No	> 1,200 ml/min/in_	No	
HS Tariff Code		3920 9928 90	3920 9928 90	3920 9928 90	3920 9928 90	3920 9928 90	3920 9928 90	3920 9928 90	3921 1900 99	3921 1900 99	
Remarks		Heat resistance over 200°C. Keeping softness after suplimation print.					Print and 3D Print Treatment Possible ● Unity of printed membrane ● Widely applied with different pattern. ● Texture and dry touch hand feeling		Print and 3D Print Treatment Possible ● Unity of printed membrane ● Widely applied with different pattern. ● Texture and dry touch hand feeling		FR Treatment Possible

[Above data is independent house test data. # Tested with a gauze covering 56g/sqm polyester]

Ventex membrane

Ventex has various membrane collection made of polyurethane and ePTFE for textile application.

Ventex membranes prevent wind and water from passing through it.

Ventex is easy handling and environmental friendly membrane caused by packed without carrier paper and film.

Ventex is useful for work wear and military, thanks to its excellent specification and durability.

Ventex Collection :

- Color availability : White and Half Transparent.
- Flame retardant type : It provides excellent flame retardant function that is used for work wear and uniform wear.
- Antibacterial type : It provides excellent antibacterial effect.

We are using surf clam shell for antibacterial stuff. It is from natural resources and environmental friendly.

