

List of sample size (general test items)

Test items for JIS			Size(Warp x Weft cm)
Color Fastness ▶▶▶			
Light★	Carbon/Xenon		15x15
Light and Perspiration★			15x15
Perspiration★	(Acid/Alkaline)		15x15
Water★			15x15
Rubbing★	Type I・Type II	Dry	30x30
		Wet	
Washing★			15x10
Dry cleaning★			15x10
Chlorinated water			15x10
Chlorine bleach			15x10
Bleeding★ (Daimaru Method)			30x10
Hot press			15x10
Sublimation			15x15
Water spotting			20x20
★5item package	Plain		Approx.30x30(A4 size)
	With pattern		Roughly 40x40
Remarks: In a case of multi-colored products such as printed products and large patterns, a large sample size is required because a sample that includes all colors is required for each test.			
Dimensional Change ▶▶▶			
Dipping method	Method C,D	Woven	50x50
		Knitted	50x50
Press	Method H-1,2,3,4	W・K	50x50
Wash with water Washing machine method	Method C4M~C4H Type C washing machine method	Woven	80x80
		Knitted	60x60
Washer method	Method F-1,2,3	Woven	100x100
		Knitted	100x100
Cylinder wash method	Method J	Woven	50x50
		Knitted	50x50
Commercial Dry		W・K	More than 60x60
Physical Property ▶▶▶			
Tensile strength	Method A Strip Method	W・K	30x60
	Method B Grab Method	W・K	35x50
Tearing strength	Method D Pendulum Method	W・K	20x40
Bursting strength	Method A	Knitted	30x50
Slippage resistance	Method B		35x90
Pilling	Method A(ICI type)		30x30
Snagging	Method A(Mace Method)		60x80
	Method D-1/2		30x30

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Analysis ▶▶▶			
Fiber identification Mixture ratio	·More than 1g or More than 1000 fibers ·Constructed from fiber(checkered etc.) 2 repeat	Approx. 20x20 (About A4 paper size)	
Certain aromatic amine	1g	20×20(About A4 paper size)	
Free formaldehyde	Infant 2.5g General 1g	Approx. 20x20	
pH	5g		
Functionality ▶▶▶			
Water repellency		Approx. 40×40	
Ultraviolet light and Sunlight Transmittance		Approx. 20×20	
Water absorption	Spotting Method	40×60	
	Byreck Method	20×50	
	Sedimentation	Approx. 20×20	
Quick drying	Transpiration	20×20	
	Diffusible residual moisture ratio	20×20	
Heat retention	Thermo lab II	20×40	
	JIS L 1096	40×80	
Cold and heat sensation		30×50	
Heat Sheilding		25×25	
Hygroscopic exothermic property		25×26	
Light absorption exothermic property		40×40	
Surface flash		40×60	
Electrostatic propensity	Method A (Half-life)	30×30	
	Method B (Friction voltage)	50×80	
Soil resistance		40×40	
Anti-see-through property	JIS L 1923	Visual	30×30
		Instrument	15×15
Antibacterial		30×30(About 10g required)	
Antiviral		30×30(About 10g required)	
Deodorant		10×10(per level test)	

update:2021.09.21

- ※In addition to the test sample, a postcard size fabric is required to attach the test report.
- ※Please be sure to clearly indicate the front, back side, warp, weft direction of the sample before sending it.
- ※For all other tests, please feel free to contact [your local laboratory](#).