

■ Transmittance selector (Under the condition t=200μm)

Type	NJ	HJ	WT (*1)	PT (*2)	UVC
Specification	Transparence	Matted	White	Print	UV-reflection cut
Visible light (380~780nm)	90.5%	91.7%	40.5%	45.6%	87.3%
Ultraviolet (300~380nm)	83.5%	88.2%	1.0%	43.1%	36.9%
Sun light (300~2100nm)	91.9%	90.4%	50.1%	46.0%	88.9%

• The numbers above are meant to serve as guidelines.

• The features of ETFE film allow filler blending, surface-modified medicine coating and printing for specialized options such as ultraviolet ray reduction, condensation prevention, sunlight shelter and design to meet customs' needs.

(*1) Color variation is also available except type-white. (*2) The determination of transmittance rating is dependant on the printing area.

■ Characteristics of ETFE film and glass

	ETFE Film			Glass	
	Single-layer	Double-layers	Triple-layers	Single	Double-glazed
Thickness/Composition	200μm	200μm+A300mm+200μm	200μm+A300mm+200μm +A300mm+200μm	6mm	6mm+A12mm+6mm
Weight (kg/m ²)	0.35	0.70	1.05	15.0	30.0
Visible light transmittance (%)	90.5	82.4	75.4	88.9	79.6
Ultraviolet transmittance (%)	83.5	71.5	62.3	61.4	45.5
Heat transmittance (W/m ² K)	5.8	2.6	1.7	5.8	3.3
Heat resistance	260-270°C	←	←	720-730°C	←
Acoustic transmission (under 100Hz)	3.0	4.6	unmeasured	17.7	20.0
(under 1000Hz)	12.0	12.4	unmeasured	34.3	39.2
(under 5000Hz)	23.9	33.0	unmeasured	37.3	41.0
Weather resistance	★★★	←	←	★★★★	←
Self-cleaning	★★★★	←	←	★★	←

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