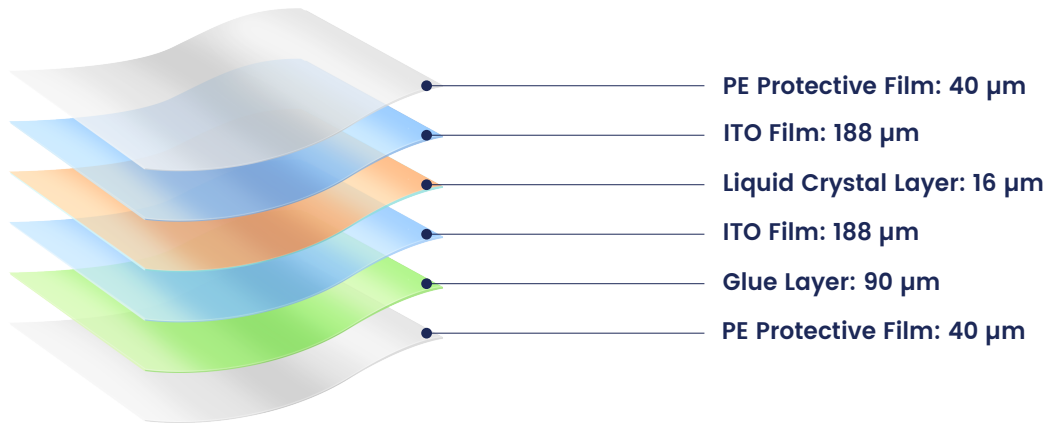


(Adhesive Type)
T91 - 92%VLT

PRODUCT STRUCTURE



TECHNICAL PARAMETERS

Item		Mode	Unit	Tolerance	Value
Optical Properties	Visible Light Transmittance	On	%	± 2.0	92
		Off	%	± 2.0	83
	Haze	On	%	± 0.5	2.0
		Off	%	± 1.0	99
	Viewing Angle	On	$^{\circ}$	/	150
Electrical Properties	Operating Voltage	On	AC/V	/	48 - 65(50/60HZ)
	Response Time	On→Off	ms	/	≤ 200
		Off→On	ms	/	≤ 10
	Power Consumption	On	W/m ²	/	< 5
Thermal Shrinkage	TD	/	%	/	≤ 0.5
	MD	/	%	/	≤ 1.0
Switching State		On	/	/	Transparent
		Off	/	/	Opaque
Functional Thickness		/	μm	± 10	482

Color Difference ΔE (Reflection)	Off	CIELAB	/	L: 86 $\pm$ 2 a: -1.9 $\pm$ 1.0 b: 6.5 $\pm$ 1.0
Glue Layer 90° Peeling Force	/	g	± 15	45
Operating Temperature	/	°C	/	-20 - 65°C
Storage Temperature	/	°C	/	-20 - 60°C
Storage Humidity	/	%	/	20 - 60
Service Life	On	h	/	> 80000

Appearance Quality (Sheets & Rolls)

Defect Name	Size	Requirement
Point Defects on Functional Layer	Diameter ≤ 0.5 mm	Not allowed to be dense
	0.5 mm < Diameter ≤ 1.0 mm	S ≤ 1 : max 1 defect S > 1: max 1.0 $\times$ S defects
	Diameter > 1.0 mm	Not allowed
Line Defects on Functional Layer	Length ≤ 30 mm & Width ≤ 0.2 mm	Unlimited
	Length > 30 mm or Width > 0.2 mm	Allowed quantity: (2.0 $\times$ S)
	Length ≤ 50 mm & Width ≤ 0.2 mm	Allowed quantity: (1.0 $\times$ S)
Breakdown Points / Thick Spots		≤ 3 per roll, not allowed for sheets
Liquid Crystal Missing / Abnormally Clear Area Defects		≤ 2 per roll, not allowed for sheets