



Technical Data Sheet P2XL Material

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Product Name:	P2XL		Finished Material Type:	PET	Date 9-15-2022
Film Roll Size:	1360mm x760mm not rotated				
Temp/Humidity Used for Testing:			Country of Origin: China - Customized and Processed in the USA		
Tested Items		Thickness (µm)	Notes		
Material	Top Liner	35			
	AG Coating	100			
	PSA	10			
	Microlouver	200			
	PSA	20			
	Anti-Scratch PET	100			
	Bottom liner	35			
Tested Items		Unit	Spec	Result	Test Method
Optical Properties	Total Light Transmittance	%	72	+/- 10	ASTM D3363
	Viewing Angle	30/45 degrees	50 degrees	+/- 10 degrees	Viewing angle checker
	Louver Bias Angle	0 degrees	0 degrees	0 degrees	Microscope
Mechanical Properties	Surface Flatness	nm	2400	≤2400	Wave scan
	Surface Hardness	H	2		Pencil hardness test
Chemical Resistance	Resistant to:				
	Alcohols		Hydrocarbons		
	Dilute Acids		Ketones		
	Dilute Alkalis				