

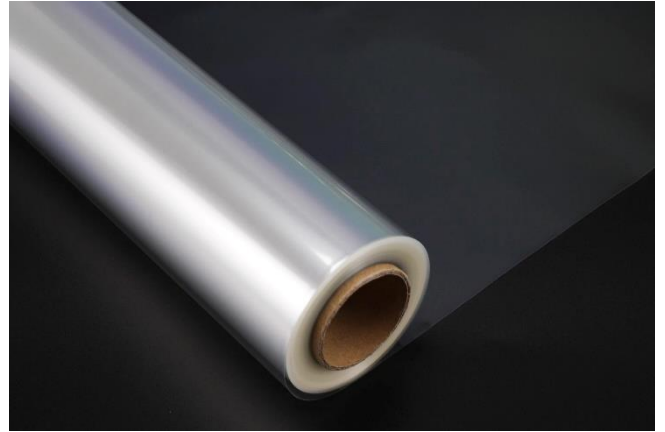
## PMMA Film (UVTAC-GM-45-N)

UVTAC-GM-45-N PMMA Film offers excellent light transmittance, it can block more than 99% ultraviolet ray. Comparing with UVTAC-GG-75-W PMMA film, it offers the glossy surface on one side and matte surface on another side.

The standard width is 1360mm, thickness is 45  $\mu\text{m}$  (0.045mm). Normally, it is packaged as roll with standard length is 1000 meters/roll.

It is suitable for Lamination, Adhesion, and Heat-molding Processing. Normally, it is laminated on other materials by hot-pressing or adhesion, such as PVC, ASA, ABS, PET, Wood, Metal, etc.

UVTAC-GM-45-N PMMA film is used frequently in Reflective Traffic Signs, Reflective Tape, and Protective film of furniture, doors & windows and automobile interiors, etc.



### Model Description

Model	No.	Code	Description
$\begin{array}{cccc} \text{UVTAC} & \text{GM} & \text{45} & \text{N} \\   &   &   &   \\ [1] & [2] & [3] & [4] \end{array}$	1	UVTAC	Product Code;
	2	GM	Glossy surface on one side, Matte surface on another side;
	3	45	Thickness is 45 $\mu\text{m}$ (micron);
	4	N	It <u>won't</u> have the White Line after folding;

### Technical Parameters

Property	Testing Method	Value	Unit
Thickness	ISO4593	0.045+/-10%	mm
Max. Width	ISO4593	1360+/-1	mm
Density	ISO1183	1.19	g/cm <sup>3</sup>

Surface	Visually	Glossy/Matte	
Elongation at break (MD)	ISO 527-3	>4	%
Elongation at break (TD)	ISO 527-3	>4	%
Tensile strength (MD)	ISO 527-3	>40	MPa
Tensile strength (TD)	ISO 527-3	>40	MPa
Original Light transmittance	ISO 13468-2	>89	%
Original Haze	ISO 13468-2	<38	%
Light transmittance after lamination	ISO 13468-2	>92	%
Haze after lamination	ISO 13468-2	<4	%
UV Blocking rate (280-380nm)	ISO 4593	>99	%
Accelerated aging performance	ISO 4892-2	6000	Hour
White line after folding	Visually	NO	

## **Contact Us**

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