

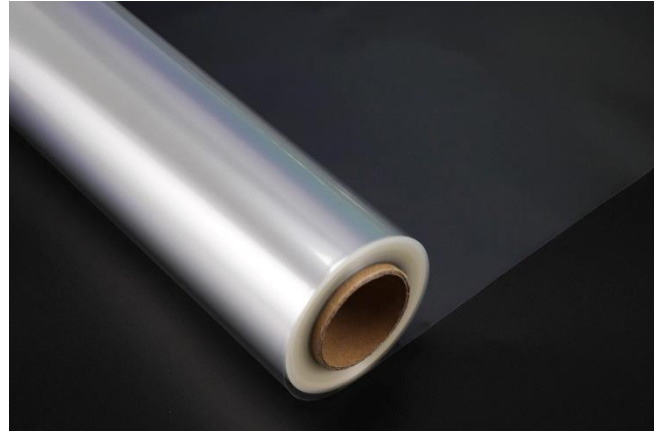
## PMMA Film (UVTAC-GM-45-N)

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 1270mm, the Max. width is 1360mm, thickness is 45 μm (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, PMMA, 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. It is also suitable for injection process, such as INS/IML, 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 μm (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**

Suzhou UVPLASTIC Material Technology Co., Ltd

Add: No. Suite 13-411, Building 13, No.8 Yunxin Road, Huqiu District, Suzhou City, China

Phone/WhatsApp: +86 18118123076

Email: [info@uvplastic.com](mailto:info@uvplastic.com)