



PVDF/ACRYLIC(PMMA) Coextruded Film

ESONE PVDF/ACRYLIC(PMMA) Coextruded Film is a glossy transparent film coextruded from polyvinylidene fluoride and polymethyl methacrylate. It offers excellent weather resistance, superior light transmission, and over 98% UV blocking performance. This film can be easily heat bonded with thermoplastics such as PVC, TPU, PC, and ABS, as well as thermosetting materials like epoxy resins. It can also be laminated as a protective layer over printed or silk-screened graphics, preserving their appearance for decades.

Additionally, the film exhibits outstanding chemical resistance against acids, alkalis, and most solvents.

PVDF/ACRYLIC(PMMA) Coextruded Film properties

Properties	Unit	Test Method	Typical Value
Physical			
Thickness	μm	ASTM D6988	35
Density	g/cm ³	ASTM D792	1.2
Optical			
Light transmittance	%	ASTM D1003	>92
UV transmittance (280 – 380nm)	%	ASTM D1003	<2
Gloss	GU	ASTM D523 (60°)	120
Thermal			
Melting Point (PMMA)	°C	ASTM D3418	120
Melting Point (PVDF)	°C	ASTM D3418	165
Shrinkage MD	%	ASTM D2732	<1.5
Shrinkage TD	%	ASTM D2732	<1.2
Mechanical			
Tensile strength MD	MPa	ASTM D-882	35
Tensile strength TD	MPa	ASTM D-882	28
Elongation at break MD	%	ASTM D-882	120
Elongation at break TD	%	ASTM D-882	100

The thickness of PVDF and PMMA can be customized according to customer requirements. For example, we can offer 40μm PMMA and 10μm PVDF, tailored to meet your specific application needs.



+86(0)523 80721510

+86 13901437262

sales@esone.com

www.ptfe-fabrics.com

JIANGSU ESONE NEW MATERIAL CO.,LTD
8th Hengfeng Road Agricultural Products Processing Zone, Taixing, Jiangsu, China 225400

TAIXING YOUNGSUN FL-PLASTICS CO.,LTD
West End of South Third Ring Road, Taixing, Jiangsu, China 225400