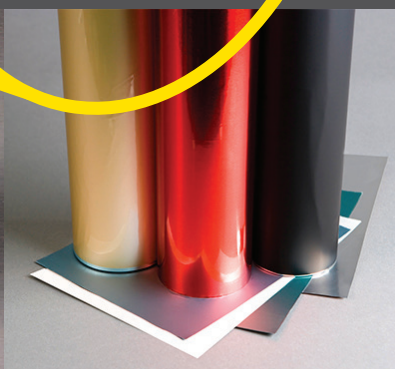




flexible

Industrial Material Specialists
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Multapex PET Clear Plain

Product:	Multapex PET Clear Plain								
Type:	Polyester Film								
Multapex PET Clear Plain is an optically clear film with low haze used specially for Envelope, Label, Packaging, & Display applications.									
Properties		Test Method	Units	Metric Values¹					
General									
Thickness		MPEX	um	23	36	50	75	100	125
Yield		MPEX	m ² /kgs	31.1	19.8	13.3	9.5	7.14	5.71
Density		ASTM-D-1505	g/cc	1.4					
Service Temperature		MPEX	°C	-70-150					
Mechanical									
Tensile Strength	MD	ASTM-D-882	kg/cm ²	2000	2000	2000	1900	1900	1900
	TD	ASTM-D-882	kg/cm ²	2000	2000	2000	1900	1900	1900
Elongation	MD	ASTM-D-882	%	130	130	140	150	150	160
	TD	ASTM-D-882	%	130	130	140	150	150	160
COF - Static (One Side to Other)		ASTM-D-1894	-	0.4	0.4	0.4	0.4	0.4	0.4
Optical									
Haze		ASTM-D-1003	%	2.0					
Total Luminous Transmission		ASTM-D-1003	-	89.0					
Thermal									
Shrinkage @ 150°C for 30 Mins	MD	ASTM-D-1204	%	1.6	1.6	1.2	1.2	1.2	1.2
	TD		%	0.4	0.4	0.4	0.4	0.4	0.4
Melting Point		DSC	°C	250					
Multapex Stock Grade									
Special Order - Can be supplied based on meeting MOQ requirements									

Note:

¹ Values are typical laboratory averages. The results should therefore only be regarded as a general guide to material properties and not as design data. Multapex Pty Ltd makes no representations as to the suitability of this material for any application. Customers must conduct their own testing for each specific application.

Caution:

Do not use in medical applications involving the permanent implantation in the human body. For other medical applications please review with Multapex Pty Ltd. Multapex Pty Ltd accepts no liability for use of its products in medical applications. Multapex Pty Ltd supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

General:

In addition to the above Multapex Pty Ltd's standard "Terms & Conditions of Trade" apply. A copy can be provided on request.



About Us

Multapex is an Australian business which utilises flexible materials to create unique solutions for our customers.

We are passionate about working with you to gain a deep knowledge of your application and tailoring a product to match. With over 40 years' experience, we can be trusted to collaborate with your team and deliver.

Multapex was founded in 1976 with a 'customer first' philosophy. Today this focus permeates our organisation as we continually strive to create value for our clients.

Our Values

Knowledge

We invest time and resources to acquire knowledge across all areas of our business – customers, suppliers, industries, materials, processes, next-gen, education.

Precision

We are precise and detail orientated in everything we do – conversion, processes, systems, delivery, interactions, finances.

Flexibility

We are flexible in our approach and mindset which allows us to solve whatever challenge is presented to us.

Dedication

We are committed to pursuing every opportunity and challenge with zeal to achieve the desired result.



Get in touch

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