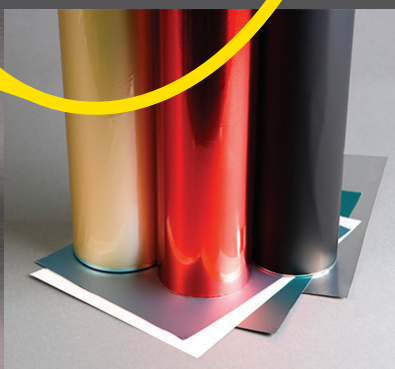




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Monoaxially Oriented Foamed PP

PP-S Foam PP

Product:	Monoaxially Oriented Foamed Polypropylene (PP-S Foam PP)									
Type:	Polypropylene Film									
Foamed Monoaxial Stretched Film of a closed-cell structure PP-S. Designed for wrapping and taping applications.										
Properties	Test Method	Units	Metric Values ¹							
General										
Thickness		um	80	100	130	150	170	200	300	
Yield	EN 22 286	g/m ²	42	52	68	77	85	100	165	
Density	Calculated	g/cm ³	0.52	0.52	0.52	0.51	0.51	0.51	0.51	
Tensile Strength	Long. ISO 527	N/mm ²	100	100	110	110	120	100	70	
Elongation at Break, Long, Max.	Long. ISO 527	%	25	25	25	25	25	25	35	
Hot Air Shrinkage	Long. BS 4611 A2	%	≤6	≤6	≤6	≤6	≤6	≤6	≤6	
Melting Range	DSC	°C	160-170							
Max. processing temperature		°C	ca. 225							
Relative Permittivity	DIN 53		1.9	1.9	1.9	1.9	1.9	1.9	1.9	
Dielectric Strength	DIN 53 481	kV/mm	≥10	≥10	≥15	≥15	≥20	≥20	≥25	
Thermal Resistance	DIN 52 612	W/mK	0.08	0.08	0.08	0.08	0.08	0.08	0.08	
Colour			WHITE							
	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.

Monoaxially Oriented Foamed Soft PP

PP-SS Foam Soft PP

Product:	Monoaxially Oriented Foamed Soft Polypropylene (PP-SS Foam Soft)				
Type:	Polypropylene Film				
Foamed Monoaxial non-stretched Film of a closed-cell structure PP-S. Designed for wrapping and taping applications.					
Properties		Test Method	Units	Metric Values ¹	
General					
Thickness			um	300	350
Yield		EN 22 286	g/m ²	170	210
Density		Calculated	g/cm ³	0.6	0.6
Tensile Strength	Long.	ISO 527	N/mm ²	20	20
Elongation at Break, Long, Max.	Long.	ISO 527	%	230	230
Hot Air Shrinkage	Long.	BS 4611 A2	%	≤6	≤6
Melting Range		DSC	°C	160-170	
Max. processing temperature			°C	ca. 225	
Relative Permittivity		DIN 53		1.9	1.9
Dielectric Strength		DIN 53 481	kV/mm	≥25	≥25
Thermal Resistance		DIN 52 612	W/mK	0.08	0.08
Colour				WHITE	
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:

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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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