



JASUD ORTHO SHEETS

ORTHOTICS & PROSTHETICS

Ortho - "P" - "RC" Sheet



Ortho - "P" - "C" Sheet



Ortho - "P" - "H" Sheet



Ortho - "H" Sheet



Ortho - "FLEX" Sheet



Life in action

JASUD ENTERPRISES

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" JASUD " ORTHOSHEETS

FOR ORTHOTICS & PROSTHETICS

TECHNICAL SPECIFICATIONS

	ORTHO - 'P' - 'RC' Reinforced (PREMIUM)	ORTHO - 'P' - 'C' Regular Co-PP (ECONOMY)	ORTHO - 'P' - 'H' Hard (PREMIUM)	ORTHO - 'H' (ECONOMY)	ORTHO - 'FLEX' (PREMIUM)
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Base Polymer :-	Special blend of raw materials having PP-CP as a base polymer.	Blend of raw materials having PP-CP as a base polymer.	Special blend of raw materials having PP-HP as a base polymer.	Special blend of raw materials having PE-HD as a base polymer.	Special blend of raw materials having PE-LD as a base polymer.
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Recommendation :-	For weight - bearing applications.	For weight-bearing applications.	For weight-bearing applications.	For non-weight-bearing applications.	For applications where flexibility / softness is required in the articles.
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Applications :-	Ideal for a variety of O & P applications where durability and thermoformability are important e.g. upper and lower limb orthoses and prostheses, to make definitive or preparatory sockets, various body jackets and spinal supports.	Ideal for a variety of O & P applications where durability and thermoformability are important e.g. upper and lower limb orthoses and prostheses, to make definitive or preparatory sockets, various body jackets and spinal supports.	Ideal for making AFO (Ankle Foot Orthoses).	Suitable for making stiff orthoses for the trunk and can also be used for making various splints, braces, jackets, supports, collars, belts, etc.	Suitable for making body jackets or thigh articles, to create flexible upper limb sockets (inner sockets) and can also be used for orthoses to make products (like splints, spinal supports) wherever more flexibility is required for comfort.
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This material with "good hinge property" is the most durable choice for making AFO's and similar articles.	This material is less durable but can be considered for making AFO's and similar articles.
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Speciality :-

<p>The sheet WILL NOT STICK to either the stockinette or Teflon cloth during the heating and has to be draped onto the mould using gloves.</p> <p>Has good melt strength, sagging is even and hence thickness evenness is better.</p> <p>Ideal for SUCTION MOULDING Process.</p>	<p>The sheet WILL STICK to the stockinette during the heating and draping.</p> <p>Has less melt strength hence a stockinette is used under the sheet as a support during heating. The stretching of heated sheet is done with the stockinette.</p> <p>Ideal for HAND DRAPING</p>	<p>This variant has better flexural strength which gives an advantage of stiffness at the ankle area in case of an AFO.</p>	<p>Has a low co-efficiency of friction combined with rigidity. Modifications as required, are possible, during the fitting stage.</p>	<p>Is flexible and has a low co-efficiency of friction combined with a soft feel.</p>
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Approx. Heating Time :-	3 to 4 minutes / mm @ 180 to 200 °C	3 to 4 minutes / mm @ 180 to 200 °C	3 to 4 minutes / mm @ 180 to 200 °C	3 to 4 minutes / mm @ 160 to 180 °C	3 minutes / mm @ 160 to 180 °C
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Shrinkage :-	More shrinkage (Upto 15%)	Less shrinkage (Upto 10%)		Less shrinkage (Upto 15%)	Less shrinkage (upto 15%)
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Flexural Strength :-	Very Good	Good	Very Good	Good	Less
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Impact Strength :-	Very Good	Good	Less	Good	Good
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Draw Strength :-	Very Good	Good	Good	Good	Good
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Life to the EndArticle :-	Very Good	Good	Good	Good	Good
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Size :-	Width: - 1250 mm Length: - 2000 mm, 2440 mm, 2500 mm Thickness :- 1 mm upto 15mm	1250 mm 2000 mm 1 mm upto 6 mm (at present)	1250 mm 2000 mm 1 mm upto 6 mm (at present)	1000 mm, 1250 mm 2000 mm, 2500 mm 1 mm upto 15mm	1250 mm 2000 mm, 2440 mm, 2500 mm 1 mm upto 15 mm
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Colour :-	Natural, Beige (Caucasian Skin) Olive Brown (Asian Skin) Terra (African Skin)	Natural	Natural	Natural, Beige (Caucasian Skin)	Natural
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Finish :-	Plain	Plain	Plain	Plain	Plain
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Customized Sizes available upon request.

Disclaimer : The above data and pictures are provided as a guidance only. Actual trials can only determine the results.

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