

TECHNICAL DATA SHEET



Full PP Light Stop
white / grey back

04.17

Item	Description	Specification	
Composite Structure	Article Codes	PP-WS2030-09 / PP-WS2030-06	
	Type of Resin	Polypropylene (PP)	
	Colour	white / grey back - light stop	
	Printing Surface Finish	Matt finish: gloss value 40 ÷ 45 (ASTM D 523)	
	Total Thickness	200 micron (90+90+25 coating)	
	Total Weight / sqm	275 ± 5%	
Properties	Test methods	Unit	Value
General			
Relative Density (at 23°C)	ASTM D1505-79	/	0,96
Mechanical			
Tensile Strength at break	ASTM D882 (50% Strain Rate)	kgf/mm ²	8 MD - Machine Direction 12 TD - Transverse Direction
Thermal			
HDT (Heat Distorsion Temperature)	ASTM E794-85	°C	80 ÷ 86
Coefficient of thermal expansion between 20 and 50°C	/	cm/cm/°C	12*10 ⁻⁵
Shrinkage (after 5 mins at 90°C)	Internal Method	%	4 MD - Machine Direction 1,5 TD - Transverse Direction
Applications	Indoor /outdoor applications for short-term roll-up, display, graphics advertising. Outdoor applications suitable for max. 8 months.		
Advantages	High tensile strength of the composite, good printability, up to 1440 dpi.		
Printability	One side printing, front layer only. Suitable for Digital and Silk Screen Printing. Suitable for eco-solvent, UV inks and Latex (Latex: tested on Mimaki JV400LX and HP 300/3000 series; when working with other machines, tests before printing are recommended). All tests are made with the original printer manufacturer's inks on the following equipments: Roland, Mimaki, Mutoh and HP. Caution with eco-solvent- PP coating media have a maximum Total Ink-Limit between 290-320%. Before starting the print operation, make sure the linearization on the RIP, is fixed in accordance with the specifics of the printer on which you want to print the PP media. Notes: due to the wide number of ink producers and Digital Printing machines, weather conditions and printing variability, testing before printing is recommended.		
Storage Period	24 months under ordinary condition at the average temperature of 22°C (min. 12°C , max. 32°C) and relative humidity of 45-65%.		
Safety Caution	<p>RoHS - The PP film is in accordance with RoHS directive 2002/95/EC and its amendment directives.</p> <p>EN71 - The PP film is in accordance with the European Standard on Safety of Toys EN71 Part 3 and with the Amercian Society for Testing and Materials - ASTM F963-07.</p> <p>REACH - The PP film is in accordance with current norms. For further information, please ask for the updated regulation on SVHC (Substances of Very High Concern) taken into consideration by REACH (Registration Evaluation Authorization of Chemicals), complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale.</p>		
Notes	Published information is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of the products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.		