

# Syntpaper SY-B

Syntpaper SY-B is a high-density polyethylene film intended for the production of labels and tags, whose main characteristics are tear, abrasion, moisture and seam resistance. It can be exposed to bad weather without losing its qualities. It has corona treatment, to receive any type of print using the appropriate ink, and with the possibility of receiving a special coat treatment for offset printing.

## Printing

Flexography  
Thermal transfer  
(wax, mixed and resin ribbons)  
Silkscreen  
Rotogravure  
Offset (UV drying).

## Supply

Jumbo reel, rolls cut to size, and sheets with and without adhesive.

## Applications

Composition labels, tags and labels for the steel industry, labels, labels for food, labels for bags, sacks.

## Maximum temperature of use:

120°C degrees

## Contact

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[www.syntpaper.com.br](http://www.syntpaper.com.br)



technical specifications

# Syntpaper SY-B

SYNTPAPER SY-B									
Items		Units	Results					Methods	
Thickness			80	120	150	200	240	350	Micrometer
			0,080mm	0,12mm	0,15mm	0,20mm	0,24mm	0,35mm	
		%	+/-10	+/-10	+/-10	+/-7	+/-5	+/-5	
Tensile Strength	MD	PSI	4000	2830	2800	2800	2800	3510	ASTM-D638
	CD		2500	2020	2500	2500	2000	3010	
Stretching	MD	%	550	430	550	550	450	360	ASTM-D638
	CD		200	53	200	200	150	21	
Tear resistance	MD	Gm/mm	1200	220	1200	1200	1300	1300	AST-D1922
	CD		1500	440	1500	1500	1600	1600	
Surface tension	A	DYNE/ CM	42	46	42	42	42	46	ASTM-D2578
	B		40	46	40	40	40	40	
(463)	A	MICRON	15~35	15~35	15~35	15~35	15~35	15~35	JIS-B0601
Roughness	B		25~60	25~60	25~60	25~60	25~60	25~60	
(408)	A	MICRON	45~65	45~65	45~65	45~65	45~65	45~65	JIS-B0601
Roughness	B		30~65	30~65	30~65	30~65	30~65	30~65	
Brightness	A	%	3~7	2~5	3~7	3~7	3~7	2~5	ASTM-D523
	B		3~7	2~5	3~7	3~7	3~7	2~5	
Light reflection		%	33	26	33	25	18	9,5	ASTM-D1003
Whiteness		%	78	85	78	78	78	90	ASTM-D313
Specific weight		G/m <sup>2</sup>	86 +/- 00,3	130 +/- 00,3	162 +/- 00,3	216 +/- 00,3	259 +/- 00,3	378 +/- 00,3	ASTM-D792
Surface resistance		OHMSΩ	9x1012	9x1012	9x1012	9x1012	9x1012	9x1012	ASTM-D257
Normal work temperature		°C	Open	Open	Open	Open	Open	Open	Laboratory
			165°	165°	165°	165°	165°	165°	
			Closed	Closed	Closed	Closed	Closed	Closed	
			150°	150°	150°	150°	150°		

## Important:

The above information is derived from quality testing for reference only. The buyer must verify if the product is suitable for its intended use before starting the manufacturing or conversion process.

## Note:

The material has a durability of 18 to 24 months with print quality if using resin ribbon with UV protection. Shelf life with exposure to the environment (UV rays) from 18 to 24 months and in a protected environment has indeterminate durability.

## Expiration Date of the Product:

1 year after the invoice date.

