

# RECYCLED PAPER 120-300 g/m<sup>2</sup> DATA SHEET

The MP3 paper machine produces recycled grey paper in rolls from substance 120g to 300g, which then can be cut to bobbins or sheets. It can be used for the production of corrugated board, in the packaging industry or the production of sleeves, cores and angles. MP3 paper is 100% eco-friendly, made from recycled waste paper and it's free from chemicals and hazardous substances.

## Jumbo Reel:

Grammage:	120g – 300g
Roll width:	up to 2300 mm
Core diameter:	76 mm
Max. Diameter:	up to 1200 mm

## Bobbins:

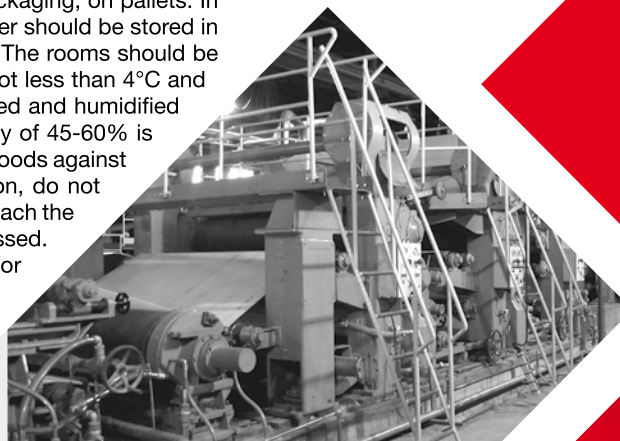
Grammage:	120 – 300 g/m <sup>2</sup>
Bobbins width:	60 - 600 mm
Core diameter:	76 mm
Outer diameter:	up to 1200 mm

## Sheets:

Grammage:	120 – 300 g/m <sup>2</sup>
Max. Size:	1300 x 1400 mm

## Storage and transport

Grayboard and paper should be stored in original packaging, on pallets. In addition to the proper packaging, grayboard and paper should be stored in storage rooms that meet the appropriate conditions. The rooms should be dry, airy, insulated from odors, with air temperature not less than 4°C and not more than 24°C, humidity around 60%. For heated and humidified warehouses, storage at 18-22°C and relative humidity of 45-60% is recommended. Storage conditions must protect the goods against moisture, dirt, damage and direct sunlight. In addition, do not remove the pallet packaging until the packed goods reach the same temperature as in the room where it will be processed. The recommended acclimatization time is 10h for temperature difference of 10°C, 30h for difference of 20°C and 55h for a difference of 30°C.



**WARTER**  
cardboard

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CHARACTERISTIC	UNIT	SAMPLES						MARKING METHOD
		125	150	180	220	250	300	
Grammage	g/m <sup>2</sup>	125	150	180	220	250	300	PN-ISO 536:1996
Grammage tolerance	%	PN-ISO 536:1996						
Thickness tolerance	mm	± 5%						
Thickness	%	0,22	0,26	0,30	0,37	0,41	0,48	
Moisture	%	no more than 10 %						
Reel width	mm	max 2300						
Internal core diameter	mm	76						
Outer reel diameter	mm	max 1200						
Sheet dimensions	mm	max 1300 x 1400 mm						
Permissible deviations of dimensions	mm	length ± 5 mm			width ± 3 mm			
Permissible deviations of the sheet's rectangularity	mm	diagonal ± 3%						
Surface		smoothness: one-sided						
Bursting strength / Mullen test clamping force 690 kPa	kPa	194	205	248	216	272	335	

#### Required parameters of tensile strength for individual substances.

Substance	Tensile strength (breaking capacity) requirements according to the plant standard			
	lengthwise MD	Breaking force	Crosswise CD	Breaking force
<i>g/m<sup>2</sup></i>	<i>w kN/m</i>	<i>w N</i>	<i>w kN/m</i>	<i>w N</i>
125	2,2	110	1,2	60
140	4,0	200	2,2	110
180	5,5	275	3,0	150
200	6,0	300	3,2	160
220	6,2	310	3,4	170
250	7,0	350	3,6	180
280	7,3	365	4,0	200
300	7,5	375	4,2	210



  
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