

# Niklakett Medium Plus

by B & B

Reliable, functional & balanced

Niklakett Medium Plus – the contemporary medium

Excellent ink retention in the washing solution, highest strength. With functional coating on the reverse. Highest printing and labelling speed, good climate stability.

Niklakett Medium Plus is a contemporary label paper that has proved itself a million times in the beverages industry.

Its technical sophistication makes it superior where verifiable economy and multi functionality are required for returnable bottles. The surface of the paper is outstandingly well suited for sophisticated printing.

Its wet strength makes Niklakett Medium Plus the ideal label paper for wet conditions during labelling or in the ice bucket. Contemporary, functional design, simple and pleasing, combined with proven performance. The contemporary plus.

## Print Information

Very good results with offset and flexographic printing. Printing ink dries quickly

## Varnishing

Universally varnishable.

## Finishing

Suitable for foil and relief stamping. Excellent stamping quality even for demanding shapes (neck labels).

## Labelling

Suitable for all common gluing systems. High labelling speed. Excellent glue consumption using functional coating on the reverse. Very good flatness characteristics. For one-way and returnable applications. The handling guidelines from the glue producer have to be followed to achieve optimum labelling results.

## Special features

Outstanding ink retention in washing plant. Possible with mould-resistant treatment.

According guideline 94/62/EG.

## Service Information

Standard format stock for small quantities up to 3 tonnes

Format: 72 x 102 70, 75, 80 g/m<sup>2</sup>

70 x 100 70, 75, 80 g/m<sup>2</sup>

B&B holds ISO 9001, ISO 14001, ISO 50001, HACCP, FSC® and PEFC certificates



property	unit	method					tolerance
Substance	g/m <sup>2</sup>	ISO 536		70	75	80	+/- 3%
Caliper	µm	ISO 534, single sheet measurement		63	67	72	+/- 5%
Brighness	%	ISO 2470, R457 D65	CS	89	89	89	+/- 2
Opacity dry	%	ISO 2471		86	87	88	+/- 2
Opacity wet	%	According ISO 2471 5 minutes soaking time		68	70	73	- 2
Gloss Lehmann	%	Tappi 480, 75°	CS	55	55	55	+/- 5
Smoothness Bekk	Bekk sec.	ISO 5627	CS RS	1400 250	1200 250	1000 250	guide number +150 / -100
Cobb 60"	g/m <sup>2</sup>	ISO 535	CS RS	17 13	17 13	17 13	+/- 4 +/- 3
Tensile strength dry	N/15mm	ISO 1924-2	MD CD	60 42	60 42	60 42	- 10 - 7
Tensile strength wet	N/15mm	ISO 3781 10 minutes soaking time	MD CD	14 12	14 12	14 12	- 2 - 2
Resistance to penetration and come-off time in alkaline solution	Seconds	DIN 16524-6	PT COT	60 100	60 100	60 100	max. max.
Resistance to alkaline solution	Minutes	DIN 16524-7		60	60	60	min.
Climatic Curl 30 % relative Humidity				-1,00	-1,00	-1,00	guide number
Climatic Curl 50 % relative Humidity	cm	internal instruction QK/40		0	0	0	guide number
Climatic Curl 80 % relative Humidity				1,00	1,00	1,00	guide number
relative Humidity	%	Hygromer Rotronic		50	50	50	+/-5 at 23° C

Key: CS - coated Side  
RS - reverse Side  
MD - Machine Direction

CD - Cross Direction  
PT - penetration time  
COT - come-off time

Testing conditions :  
Standard climate EN 20187  
23° Celsius, 50 % relative humidity

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Label Management by B & B

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