

Data table - Technical specifications, typical & minimum values

Grammage, g/m ² , ISO 536 Tolerance, g/m ²			32 ± 1.5	35 ± 1.5	40 ± 2.0	45 ± 2.0	50 ± 2.0	60 ± 2.5	70 ± 3.0
Thickness, µm, ISO 534	plain	typ	47	53	60	65	72	85	100
Tensile strength, kN/m, ISO 1924-2	MD	typ	3.5	3.8	4.3	4.9	5.7	6.2	7.5
		min	3.0	3.4	3.8	4.4	5.1	5.5	6.4
	CD	typ	1.40	1.55	1.80	2.00	2.25	2.70	3.10
		min	1.20	1.35	1.60	1.80	2.00	2.40	2.75
Tear resistance, mN, ISO 1974	MD	typ	200	230	290	360	400	460	670
		min	170	200	260	320	360	410	510
	CD	typ	260	300	380	440	500	650	760
		min	230	270	340	420	440	570	680
Burst, kPa, ISO 2758	typ		170	180	220	250	260	300	350
	min		150	160	195	220	230	270	315
Cobb 60, g/m ² , ISO 535	max		25						
Air Permeability, Bendtsen method, ml/min, ISO 5636-3	max		150						
Wet tensile strength (average of values in both MD and CD), %, ISO 3781	min		18						
Moisture, %, ISO 287			7.0 ± 1.5						

Test climate 23°C/50% RH (according to ISO 187). Minimum values are guaranteed.

MD – Machine Direction

CD – Cross Direction

Diameter of reel: min 100 cm, max 125 cm. Width of reel: min 10,5 cm, max 250 cm. Tolerance of reel width: ±2 mm.

Diameter of core: 7,6 cm ±1 mm or 7,0 cm ±1 mm.



Ideal storage conditions: 23°C/50% RH

Paper should be stored in a dry, covered and ventilated warehouse. It is recommended that prior to use in production paper should be stored some time in conditions similar to the conditions in the production hall. The required storage period depends mainly on the volume of paper reel, as well as the temperature difference between the warehouse and production hall.

Certificates

- ISO 9001
- ISO 14001
- ISO 45001
- FSC®-INS-COC-100054 Chain of Custody
- PEFC™- 8949-05 Chain of Custody

Producing mill: Stora Enso Poland, Ostroleka

1. Maximum number of joints in a reel: 2. Each joint is marked with red line on a head of reel.
2. Cores secured with plugs.
3. Six outer layers of paper reel are the wrapping if the reel is unwrapped. Additional wrapping is possible on customer request.
4. Standard reel marking:
 - two labels on the running surface,
 - the number of reel on the reel head.
5. Paper is produced in one plain variation (ribbed is not offered).
6. Paper is made from kraft pulp and consists of virgin fibers only.
7. Any changes in the Technical Specification will require a separate agreement.

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Next update* September 2023

* Stora Enso is committed to continuous quality improvement. Our products' specifications are reviewed, and if necessary, updated with the objective to reflect quality improvements.

