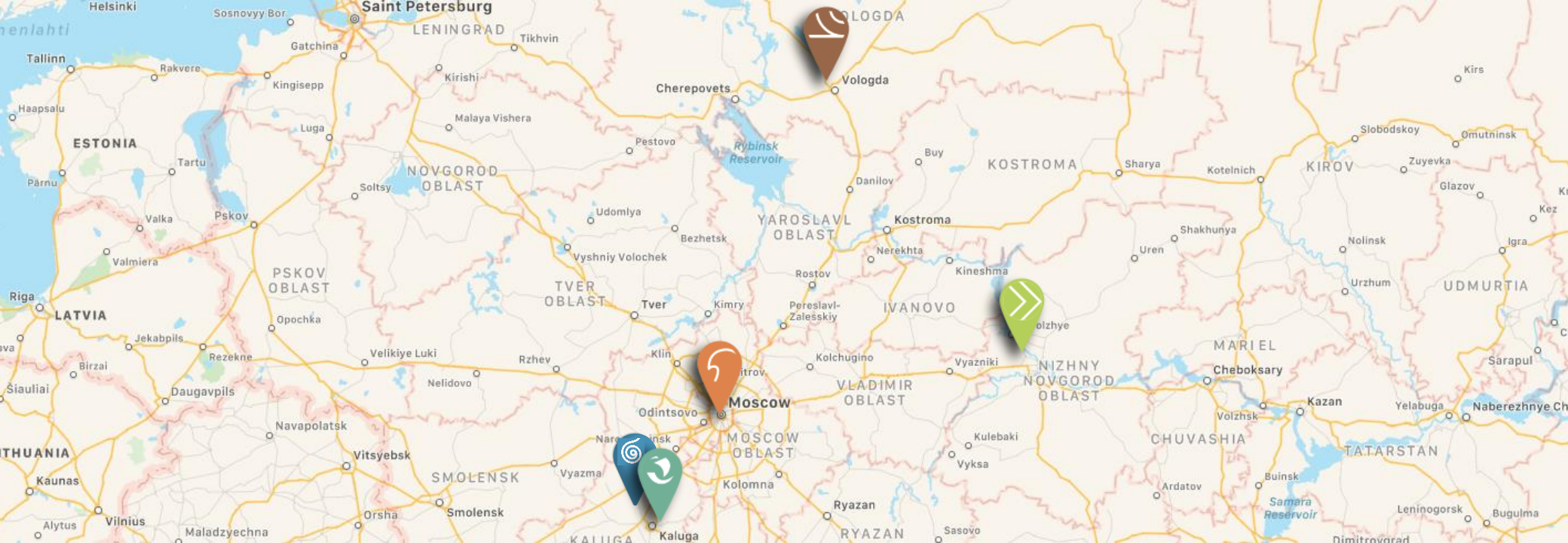




CPM

Consolidated
Paper
Mills

Est. in 2003



THE CPM'S ENTERPRISES



Management company 'Consolidated Paper Mills'
MC "CPM", LLC – Moscow, Russia



Sukhonsky Cardboard & Paper Mill
"Sukhonsky CPM", LLC – Vologda Region



Balakhna Cardboard Factory
"BCF", LLC – Nizhny Novgorod Region



CPM Vtorma
"CPM Vtorma", LLC – Moscow



Polotnyany Zavod Paper Manufacture
"PZPM", LLC – Kaluga Region
"Vesta" Branch of the PZPM – Kaluga Region



Trading House "Format"
"Trading House "Format", LLC - Moscow
Sokol, Vologda Region



Troitskaya Paper Mill
TPM, JSC – Kaluga Region

THE CONSOLIDATED PAPER MILLS COMPANY

The CPM company is one of the top 10 largest enterprises of the pulp and paper industry in Russia, occupies the fourth line in the rating of domestic manufacturers of containerboard, is the leader in the commercial production of recycled containerboard in the country.

The company also produces fiberboard, multilayer cardboard (bookbinding board, core board, boxboard), a wide range of stationery, recycled eco-bags, corrugated board, flexible paper packaging: parchment, , packaging paper types, combined materials.

Our Mission

We set the standard for high-tech containerboard, improving the consumer properties of corrugated packaging.

Our Vision

By 2027, the company is one of the five largest enterprises of the pulp and paper industry in Russia, guaranteed to fulfill the terms of delivery in terms of quantity, timing and assortment.

THE COMPANY'S POSITION IN THE DOMESTIC CONTAINERBOARD MARKET

4th
place

in the containerboard market in Russia

2nd
place

of the production's volume of recycled containerboard in Russia

1st
place

in the sale of recycled containerboard in Russia

CONTAINERBOARD PRODUCTION IS A STRATEGIC COMPETENCE OF THE CPM COMPANY



Technological leader in the production of containerboard from waste paper



Production increased by 2.5 times over the past 10 years



The products are in demand on Russian and foreign markets



The quality corresponds to the best European analogues



Scientific approach — improving technology and consumer properties of products

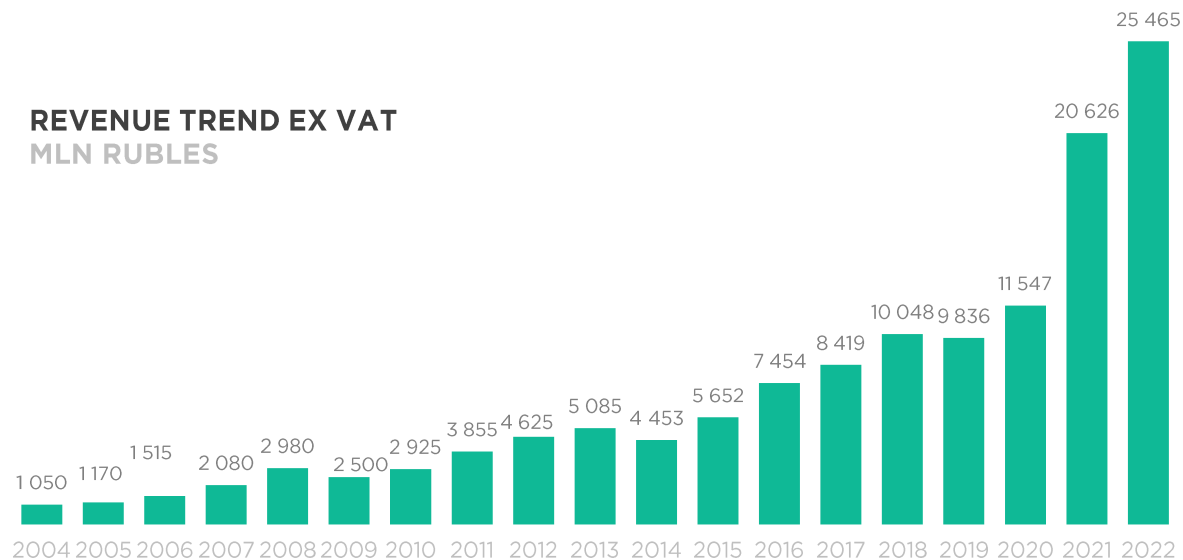
FACTORS OF GROWTH IN DEMAND FOR THE CPM PRODUCTS



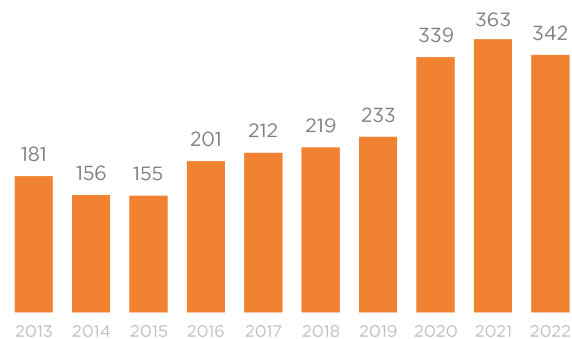
- The trend of responsible consumption, care for the environment, focus on recyclable materials
- Increasing consumer requirements for the manufacturability of containerboard
- The tendency to replace cellulose layers to recycled ones while maintaining the quality characteristics of packaging
- Advanced scientific CPM's technologies allow producing products with improved consumer properties
- Confident dynamics of the company's development and stable partnerships
- Efficient logistics and customer service system

CPM IN FIGURES

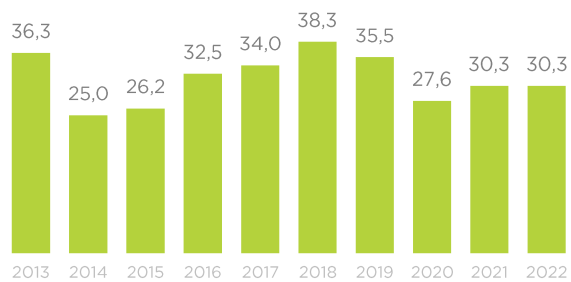
REVENUE TREND EX VAT
MLN RUBLES



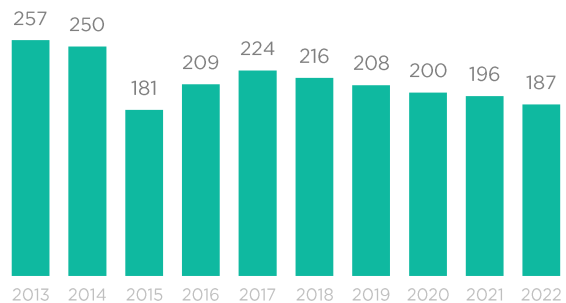
CONTAINERBOARD, THOUS TONS



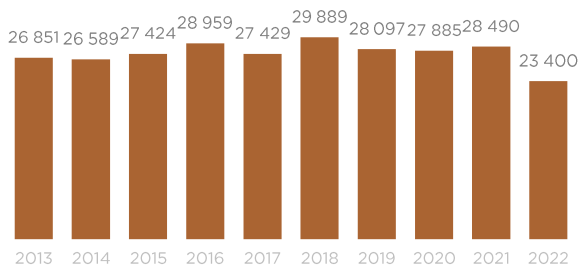
MULTILAYER CARDBOARD THOUS TONS



NOTEBOOKS 12 SHEETS MLN OF PIECES



FIBERBOARD THOUS M²





Sukhonsky Cardboard and Paper Mill, LLC

Russia, Vologda Region

The Mill is located in the Sokol town of Vologda Region, 32 km from Vologda and 510 km away from Moscow.

Topliner, linerboard and fluting as well as fiberboard and corrugated products are produced here.

Our proprietary research and testing laboratories exercise continuous control of finished product quality which was confirmed repeatedly with “100 Best Products in Russia” diplomas.

Our products are used in furniture and packaging, building and machine making industries both in Russia and abroad.

The quality management system is certified for compliance with the ISO 9001-2015 requirements.

In 2022, the company celebrated its 105th anniversary.

Sukhonsky Cardboard and Paper Mill, LLC

Russia, Vologda Region

Three **linerboard**, **topliner** and **fluting-making** machines:

CPM-3

**Max capacity
per year, tons**
62 000

Trim width, mm
3150

Fluting, g/m²
90/100/110/115/120/
125/ 135/140/150

Linerboard, g/m²
100/110/115/120/
125/ 135/140/150

CPM-4

**Max capacity
per year, tons**
83 000

Trim width, mm
2520

Fluting, g/m²
80/90/100/110/115
120/125/135/140/150/
160/175

Linerboard, g/m²
100/110/115/120/125/
135/140/150/160/175

Topliner, g/m²
115/125/135/140

CPM-7

**Max capacity
per year, tons**
189 000

Trim width, mm
4550

Fluting, g/m²
80/90/100/110/115/
120/125/135/140/150/
160/175/200

Linerboard, g/m²
100/110/115/120/125/
135/140/150/160/175/
200

Also, there is **fiberboard
production line** with a
capacity of **29 mln m²
per year**.

Quality according Russian GOST
4598-2018: Mark 'T', group 'A'

Length, mm
610-3050
max deviation ± 3

Width, mm
610-1700
limit deviation ± 3

Thicknesses, mm
2-5
limit deviation $\pm 0,3$

Density, kg/m³
up to 1100

The fiberboard with other sizes
can be supplied according the
customer's request.



Polotnyany Zavod Paper Manufacture, LLC

Russia, Kaluga Region

The Manufacture is located in Polotnyany Zavod settlement of Kaluga region, 35 km from Kaluga and 180 km away from Moscow.

The Manufacture produces linerboard and fluting, corrugated products, wide range of office-paper products (notebooks, drawing albums, sets for creation) and eco-bags “MakPak” from recycled materials (waste paper).

The product quality has been confirmed repeatedly with “100 Best Products in Russia” laureate diplomas.

We participate in the Labor Performance and Employment Support National Project.

The quality management system is certified for compliance with the ISO 9001-2015 requirements.

One of the oldest enterprises of the Russian pulp and paper industry with a rich history and centuries-old traditions. In 2023, the company celebrates its 305th anniversary.

The unique “Buzeon” paper museum is based here.

Polotnyany Zavod Paper Manufacture, LLC

Russia, Kaluga Region

CPM-1

Max capacity per year, tons

48 000

Trim width, mm

2500

Fluting, g/m²

80/90/100/110/120/125/135/140/150

Linerboard, g/m²

100/110/115/120/125/135/140/150

CPM-2

Max capacity per year, tons

34 000

Trim width, mm

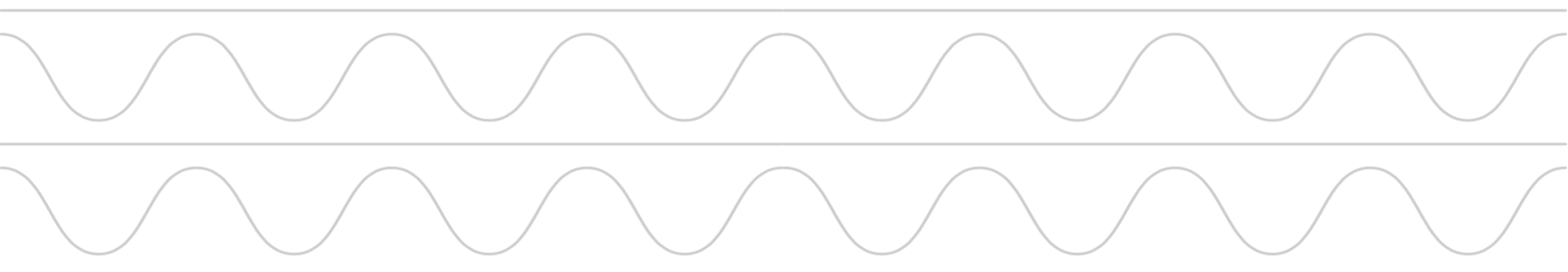
2100

Fluting, g/m²

80/90/100/110/120/125/135/140/150

Linerboard, g/m²

100/110/115/120/125/135/140/150



STATIONERY

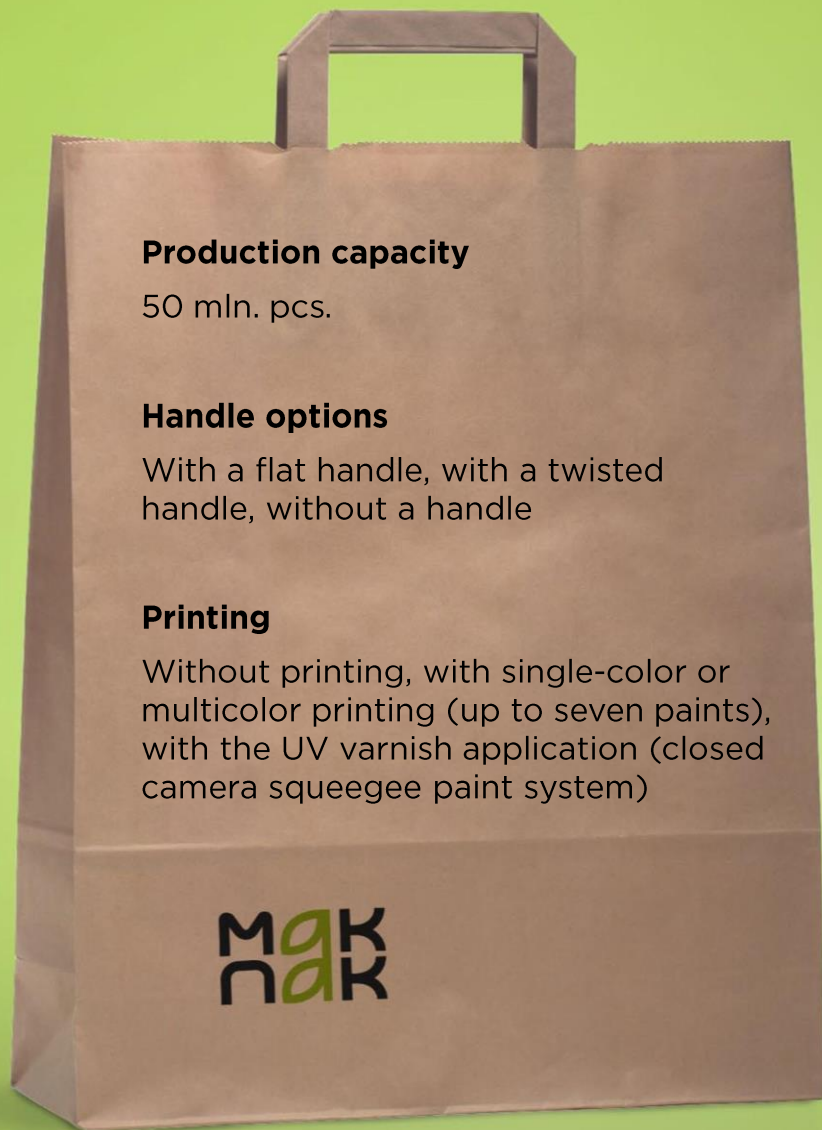
8 (800) 234-16-46
info@pzbmopt.ru
pzbmopt.ru

Our company is one of the largest manufacturers of stationery goods in Russia and the CIS. We produce about 220 million products annually. We make fashionable stationery goods that cause a WOW effect among customers. And we do it well!

Some note that they are happy to make notes in such beautiful notebooks, but it would be better to save them for the collection. More and more often our products are bought as a gift to children.

Every month we produce several extraordinary series — from the variety presented on the market, it is important to choose products that will be sold faster, and the store will be able to earn more per unit of goods sold.

**WE MAKE THE WORLD BRIGHTER,
STUDY AND CREATIVITY — MORE
INTERESTING!**

**Production capacity**

50 mln. pcs.

Handle options

With a flat handle, with a twisted handle, without a handle

Printing

Without printing, with single-color or multicolor printing (up to seven paints), with the UV varnish application (closed camera squeegee paint system)

PAPER BAGS 'MAKPAK'

“MakPak” is a brand whose name contains the very idea of the product: paper bags made from recovered paper.

Ecological properties, sustainability, friendliness are the principles that underlie it.

Paper bags are widely used by delivery services, cafes and restaurants, non-food stores.

8 (800) 234-16-46
sale.paperbag@pzbf.ru



TROITSKAYA PAPER MILL, JSC

Russia, Kaluga region

The Mill is located in Kondrovo town of the Kaluga region. The distance to Kaluga is 44 km, to Moscow — 193 km.

The Mill produces a wide range of environmentally friendly packaging products: vegetable parchment (transparent, opaque, colored), wet-strength paper, paper for packaging and sterilization of medical products, combined materials, paper bags.

It is a part of the CPM Company since December 2022.

The products are used in the food, medical, textile, and furniture industries.

The Mill's products are exported to 46 countries of the world

The only enterprise in Russia that produces vegetable parchment - universal packaging for fat and moisture-containing products.

The quality management system is certified for compliance with the ISO 9001-2015 requirements.

TROITSKAYA PAPER MILL, JSC

Russia, Kaluga Region

CPM-8

Trim width, mm
2590

Max capacity per year, tons
24 000

PRODUCTS

Wet-strength paper, including colored
Paper for confectionery packaging including colored
Paper for packaging and sterilization of medical products

Cutting into sizes from 340 mm

EXTRUSION LAMINATING MACHINE

Trim width, mm
2150

PRODUCTS

Laminated paper
Combined materials based on aluminum foil

CPM-9

Trim width, mm
2520

Max capacity per year. tons
12 000

PRODUCTS

Base paper for parchment (including colored), grammage 40-100 g/m²

PAPER BAG MACHINE

Trim width, mm
900

Max capacity per year. pcs
up to 36 million

PRODUCTS

Bags made of paper and combined materials with a V-shaped bottom

PARCHMENT MACHINE

PM-121, 122

Trim width, mm
2200

Max capacity per year. tons
10 000

PRODUCTS

- Vegetable parchment (transparent)
- Vegetable parchment (opaque)
- Vegetable parchment (colored)
- Parchment for crimped cups (with slip easy effect)

COATING MACHINES (2 PCS)

Trim width, mm
500-820

PRODUCTS

Parchment with antiadhesive coating (PA-2)

“Flexible paper packaging”

 export@td-format.com



Balakhna Cardboard Factory, LLC

Russia, Nizhniy-Novgorod Region

The Mill is located in Balakhna town of the Nizhny Novgorod region. The distance from Nizhny Novgorod is 15 km, to Moscow – 410 km.

The Factory produces containerboard and multilayer cardboard (bookbinding, box and core cardboard). Products are sold in the domestic market and abroad.

One of the largest manufacturers of multilayer cardboard.

The Factory has been a participant of the Labor Performance and Employment Support National Project.

The enterprise has proprietary research and testing laboratories in place to exercise continuous control of finished product quality and ensure its continuous improvement.

In 2023, the company celebrates its 95th anniversary.

Balakhna Cardboard Factory, LLC

Russia, Nizhniy-Novgorod Region

CPM-5

Max capacity per year, tons
38 000

BOX AND CORE CARDBOARD

Grades (boxboard)
V-0

Grades (core board)
BKG-1, BKG-1.1

Grammage, g/m²
340-520

Thickness, mm
0,5-0,8

BOOKBINDING BOARD

Grades
PKS, PKS-P (polygraphy),
PKS-0 (lightweight), B

Thickness, mm
0,6-2,5

Width, mm
up to 1050

Length, mm
up to 1140

CPM-6

Max capacity per year, tons
45 000

Trim width, mm
2520

Fluting, g/m²
110/120/125/135/140/
150/160/175/200

Linerboard, g/m²
115/120/125/135/140/
150/160/175/200

SCIENCE IS AT THE HEART OF ALL PROCESSES

>18

years of
in-house RnD

10

PhDs with degrees in
paper manufacturing
hired

200+

scientific publications
in Russia and worldwide

Production is based on the use of innovative technologies and own developments in the field of improving the physical and mechanical properties of containerboard, the manufacturability of its processing for corrugated equipment, and improving the consumer properties of corrugated packaging.

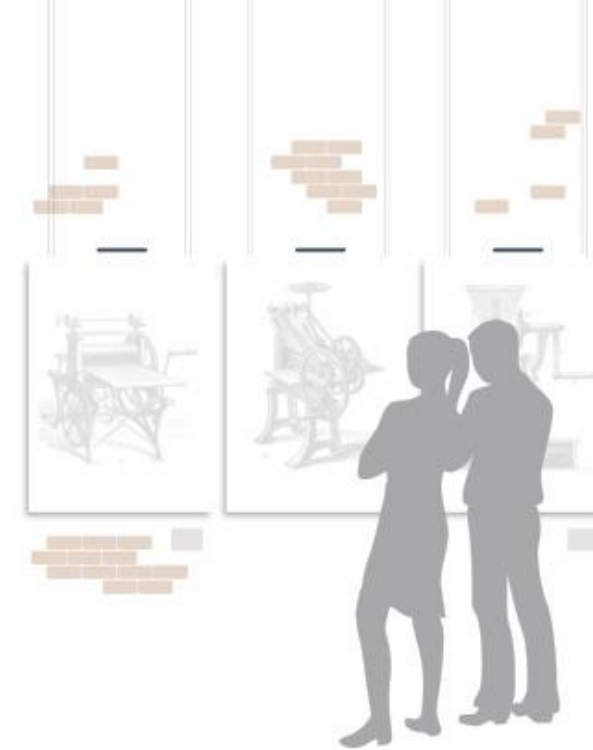
The CPM has been engaged in scientific work for more than 18 years, 10 specialists with a scientific degree in the field of pulp and paper technology work here, the results of research activities are published in leading publications in Russia and abroad.

The work is carried out in cooperation with Department of Pulp and Paper and Wood Chemical Industries of the Northern (Arctic) Federal University named after M. V. Lomonosov which has the most modern research base.

All this allows the CPM to produce goods with the highest quality indicators and to maintain the position of technological market leader.



'BUZEON' MUSEUM OF PAPER



'BUZEON' — the Museum of Paper and Russian Pulp and Paper Industry was opened in Polotnyany Zavod settlement of the Kaluga Region in August 2018. This event was dedicated to the 300th anniversary of the Polotnyany Zavod Paper Manufacture.

In the restored historical building with an area of 1250 m² there are halls dedicated to the history of paper, the development and current state of the paper industry, the role of paper in human life — in everyday life, culture, and art.

The museum includes dozens of unique exhibits. They were collected throughout the country — from manufacturers, at the All-Russian Research Institute of Pulp and Paper Industry (Saint Petersburg), at public sales and in antique shops.

The collection of exhibits continues. The CPM Company will be grateful for any assistance in collecting exhibits.

TRADING HOUSE 'FORMAT'

It is the largest supplier of recycled containerboard and fiberboard (wet production method). Trading House "Format" is also a supplier of corrugated packaging and flexible paper packaging with barrier properties.

The company is also a major buyer of waste paper and wood.

TH Format exports to international markets:

- recycled containerboard (testliner, fluting)
- flexible paper packaging with barrier properties
- fiberboard

The head office is located in Sokol, Vologda region, with an additional office in Moscow.

VOLOGDA OFFICE

office 1, bld. 3, Bedniakov street,
Sokol town, Vologda region,
162135, Russia
+7 (81733) 3-22-03

Fiberboard division

vologda@td-format.com



ukobf.com

MOSCOW OFFICE

5th floor, office 501B, block B, bldg. 1, household
4. Moskovsky settlement 22nd kilometer of the
Kievskoe highway, Moscow, 108811, Russia
+7 (495) 514-03-24

Containerboard division

Flexible paper packaging division
export@td-format.com



LINERBOARD OBF PREMIUM

TECHNICAL SPECIFICATION

PARAMETER NAME	OBF PREMIUM (STANDARDS)												TEST METHOD
Grammage, g/m ²	100±3	110±3	115±3	120±3	125±3	135±3	140±3	150±3	160±3	175±3	200±3	225±3	GOST R ISO 536
Grammage variation over reel width, % no more													GOST R ISO 536 and item.5.4 of the Specifications
	OBF Premium S					3,0							
	OBF Premium					5,0							
Short Compression Test CD (SCT _{CD}), kN/m	2,00–2,20	2,20–2,40	2,30–2,50	2,40–2,65	2,50–2,75	2,70–3,00	2,80–3,10	3,00–3,30	3,20–3,50	3,50–3,85	4,00–4,40	4,50–4,95	GOST R ISO 9895
Bursting Strength Test (BST), kPa, no less	290	320	335	350	360	390	405	435	465	505	580	650	GOST R ISO 2759
Absorbency of water at one-sided wetting, g, Cobb ₆₀ at top side													GOST 12605 and item.5.3 of the Specifications
Average moisture content, %													GOST ISO 287
Moisture variation over reel width, % no more													GOST ISO 287 and items 5.4 and 5.5 of the Specifications
	OBF Premium S					1,5							
	OBF Premium					2,0							

NOTE. Other values of physical-mechanical quality indicators with a proportional increase the wholesale product price can be agreed other with the consumer.

LINERBOARD OBF LINER 1

TECHNICAL SPECIFICATION

PARAMETER NAME	OBF LINER 1 (STANDARDS)												TEST METHOD
Grammage, g/m ²	100±5	110±6	115±6	120±6	125±6	135±8	140±8	150±9	160±9	175±10	200±10	225±10	GOST R ISO 536
Grammage variation over reel width, %, no more	6,0												GOST R ISO 536 and item.5.4 of the Specifications
Short Compression Test CD (SCT _{CD}), kN/m	1,75–2,20	1,90–2,20	2,00–2,30	2,10–2,40	2,20–2,50	2,40–2,70	2,45–2,80	2,60–3,00	2,80–3,20	3,10–3,50	3,50–4,00	4,00–4,50	GOST R ISO 9895
Bursting Strength Test (BST), kPa, no less	270	300	310	325	340	365	380	405	430	475	540	605	GOST R ISO 2759
Absorbency of water at one-sided wetting, g, Cobb ₆₀ at top side	25–50												GOST 12605 and item.5.3 of the Specifications
Average moisture content, %	6,0–8,5												GOST ISO 287
Moisture variation over reel width, %, no more	2,5												GOST ISO 287 and items 5.4, 5.5 of the Specifications

NOTE. Other values of physical-mechanical quality indicators with a proportional increase the wholesale product price can be agreed other with the consumer.

FLUTING OBF PREMIUM

TECHNICAL SPECIFICATION

PARAMETER NAME	OBF PREMIUM (STANDARDS)														TEST METHOD
Grammage, g/m ²	80±3	90±3	100±3	110±3	115±3	120±3	125±3	135±3	140±3	150±3	160±3	175±3	200±3	225±3	GOST R ISO 536
Grammage variation over reel width, %, no more															GOST R ISO 536 and item.5.4 of the Specifications
OBF Premium S															3,0
OBF Premium															5,0
Corrugated Medium Test, (CMT ₀), H, with a strip width of 15 mm, no less															GOST R ISO 7263
OBF Premium S	170	190	210	230	240	250	260	285	295	315	335	370	420	470	
OBF Premium	160	180	200	220	230	240	250	270	280	300	320	350	400	450	
Short Compression Test CD (SCT _{CD}), kN/m	1,60- 1,75	1,80- 2,00	2,00- 2,20	2,20- 2,40	2,30- 2,50	2,40- 2,65	2,50- 2,75	2,70- 3,00	2,80- 3,10	3,00- 3,30	3,20- 3,50	3,50- 3,85	4,00- 4,40	4,50- 4,95	GOST R ISO 9895
Tensile strength in machine direction, (S), kN/m, no less	5,5		6,0								6,5				GOST R ISO 1924-2
Absorbency of water, g, (Cobb ₃₀), at the average on both side															GOST 12605 and item.5.3 of the Specifications
Average moisture content, %															GOST ISO 287
Moisture variation over reel width, %, no more															GOST ISO 287 and items 5.4 and 5.5 of the Specifications
OBF Premium S															1,5
OBF Premium															2,0

NOTE. Other values of physical-mechanical quality indicators with a proportional increase the wholesale product price can be agreed other with the consumer.

FLUTING OBF MEDIUM HP

TECHNICAL SPECIFICATION

PARAMETER NAME	OBF MEDIUM HP (STANDARDS)														TEST METHOD
Grammage, g/m ²	80±5	90±5	100±5	110±6	115±6	120±6	125±6	135±8	140±8	150±9	160±9	175±10	200±10	225±10	GOST R ISO 536
Grammage variation over reel width, %, no more	6,0														GOST R ISO 536 and item.5.4 of the Specifications
Corrugated Medium Test, (CMT ₀), H, with a strip width of 15 mm, no less	140	160	175	195	200	210	220	235	245	260	280	305	350	395	GOST R ISO 7263
Short Compression Test CD (SCT _{CD}), kN/m	1,40-1,60	1,60-1,80	1,75-2,00	1,90-2,20	2,00-2,30	2,10-2,40	2,20-2,50	2,40-2,70	2,45-2,80	2,60-3,00	2,80-3,20	3,10-3,50	3,50-4,00	4,00-4,50	GOST R ISO 9895
Tensile strength in machine direction, (S), kN/m, no less	5,0		5,5			6,0									GOST R ISO 1924-2
Absorbency of water, g, (Cobb ₃₀), at the average on both side	50-100														GOST 12605 and item.5.3 of the Specifications
Average moisture content, %	6,0-8,5														GOST ISO 287
Moisture variation over reel width, %, no more	2,5														GOST ISO 287 and items 5.4, 5.5 of the Specifications

NOTE. Other values of physical-mechanical quality indicators with a proportional increase the wholesale product price can be agreed other with the consumer.

TOPLINER

TECHNICAL SPECIFICATION

PARAMETER NAME		TOPLINER KT-1 / TOPLINER KT-2									TEST METHOD
Grammage, g/m ²		90±4	100±4	115±4	125±4	140±5	150±6	160±6	175±8	200±10	GOST R ISO 536
Fluctuations card-board mass in 1 m ² in the reel's width, %, not more than		0,15±0,02	0,16±0,02	0,17±0,02	0,19±0,02	0,21±0,02	0,22±0,02	0,24±0,02	0,26±0,02	0,27±0,02	GOST R ISO 534
Short Compression Test CD (SCT _{CD}), kN/m, no less	KT-1	1,6	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	GOST R ISO 9895
	KT-2	1,5	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	
Bursting Strength Test (BST), kPa, no less	KT-1	320	350	360	380	400	420	440	460	480	GOST R ISO 2759
	KT-2	280	310	330	350	370	390	410	430	450	
Brightness, %, no less	KT-1	90 (with optical bleach) / 80 (without optical bleach)									GOST R ISO 2470-77
	KT-2										
Surface strength, no less		14									TAPPI T 459 om-08
Absorbency of water at one-sided wetting, g, Cobb ₆₀		35 30-70									GOST 12605 and item.5.3 of the Specifications
at top side											
at bottom side											
Average moisture content, %		6,0-9,0									GOST ISO 287

(PRODUCED BY SUKHONSKY CARDBOARD AND PAPER MILL)