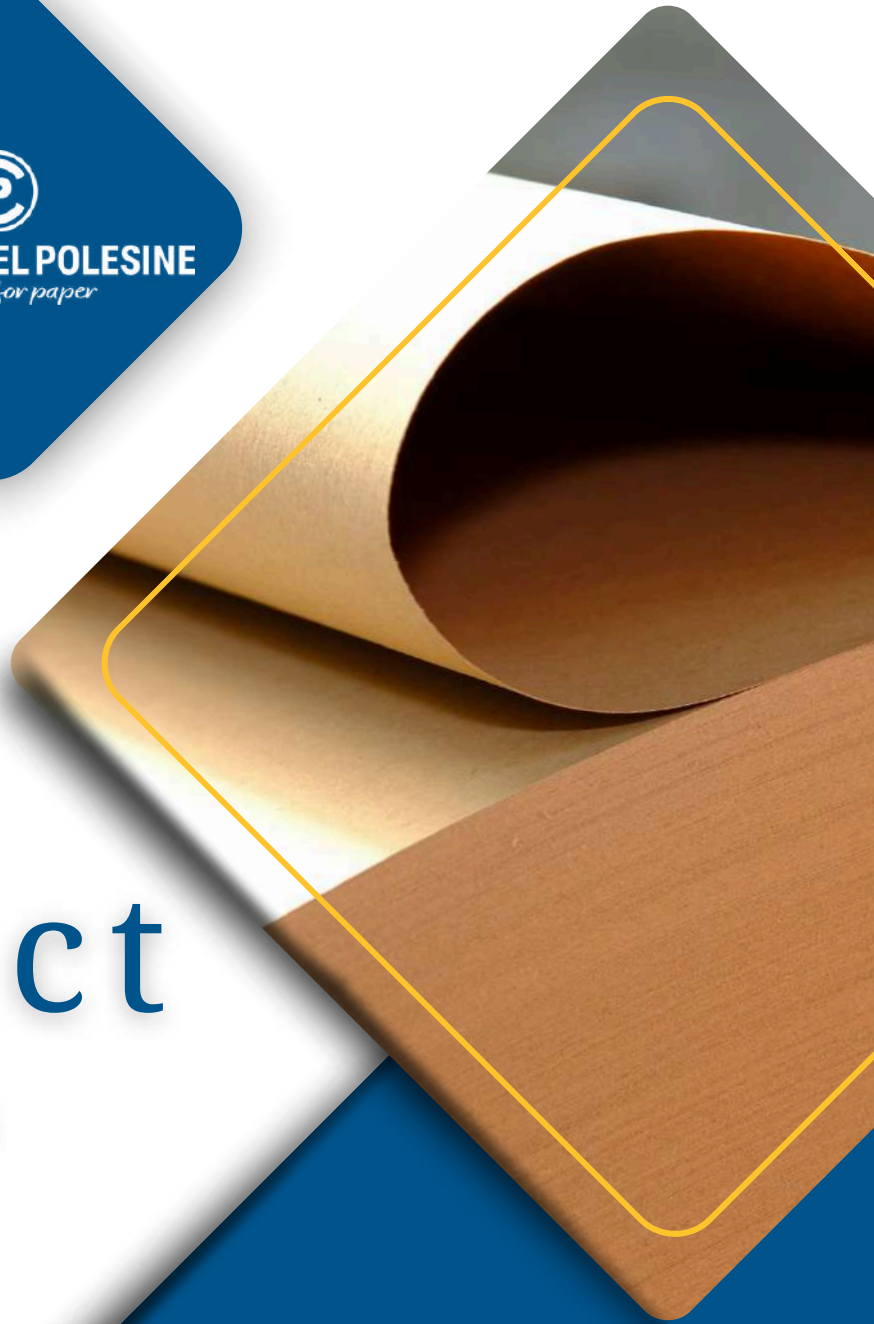


2026 Catalogue



Product Range

Our range of technical papers
made from recycled fiber

www.cartieredelpolesine.it

Our paper
is born from recycling,
grows with quality
and lives for sustainability.

-Cartiere del Polesine S.p.A.-



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Welcome to our product catalog

Our paper mill stands out for its constant focus on material quality, process efficiency, and environmental sustainability. We produce waste paper with the aim of ensuring high performance and reducing environmental impact.

This catalog brings together our range of products, the result of research, expertise, and respect for the paper cycle.

About us

Cartiere del Polesine is an innovative industrial company with deep roots. We are driven by an inexhaustible passion.

Our strong commitment to the environment and to the local territory is expressed through the constant pursuit of technological excellence.

For over 60 years, we have been producing packaging papers by recovering what is considered waste: recovered paper.

Through our work, every day we tell what we call “The Never-Ending Story of Paper” — a renewable, sustainable and versatile material. We represent a historic element of the modern circular economy:



Paper has always been our passion!

Our products

The production of Cartiere del Polesine S.p.A., carried out exclusively using secondary fibers (recovered paper), mainly includes papers intended for the production of corrugated board, suitable for use both as fluting and brown liner, depending on the type and the required characteristics.

Alongside this range, the company also produces paper for special applications, including straw paper, intended for specific uses other than the production of paper for corrugators.

The careful selection of raw materials, the constant monitoring of the production process and the use of advanced technical solutions allow us to guarantee high quality standards, ensuring reliable and consistent performance over time.

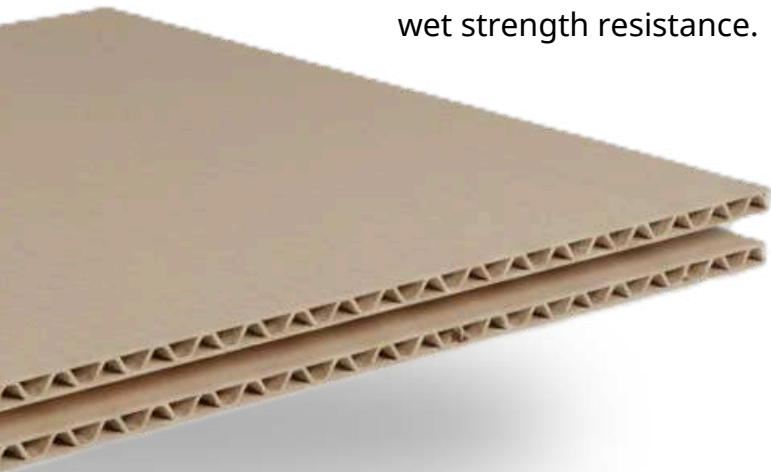
In our laboratories, through the strict application of internationally recognised methodologies and the use of certified instruments, analyses are regularly carried out to monitor and verify the technical characteristics of our product.



Brown Liners

Paper intended for the outer layers of corrugated board, designed to ensure mechanical strength, surface quality and excellent printability.

Liner provides protection, strength and a high aesthetic performance of the final packaging, and it can be treated to provide wet strength resistance.



Ondaliner

A versatile solution, suitable for both brown liner and fluting.

Flutings

Paper used for the formation of the inner fluting layer of corrugated board, developed to provide elasticity, structural stability and reliability during the corrugating process.

It contributes significantly to the mechanical strength of the packaging, resulting in excellent stackability.



Straw Paper

The Rustic Soul of Tradition

Straw Paper is much more than a simple material; it is a style choice that conveys authenticity, warmth and attention to the material itself. Characterized by its unmistakable ochre-yellow colour and its rough texture to the touch, it is the ideal solution for those seeking an informal and natural atmosphere.

Produced 100% from recycled paper, it is characterized by excellent flexibility and good printability.



*Our solutions for corrugators,
where recycling meets
excellence.*

Polesine Test Liner

Polsine Test Liner 3



Polesine Liner 2

Polesine Onda Liner dual-use

Polesine Fluting

Polesine Medium

Polesine Wellenstoff

Polesine Wellenstoff Super



RECYCLED

Made entirely from recovered materials, it helps reduce environmental impact.

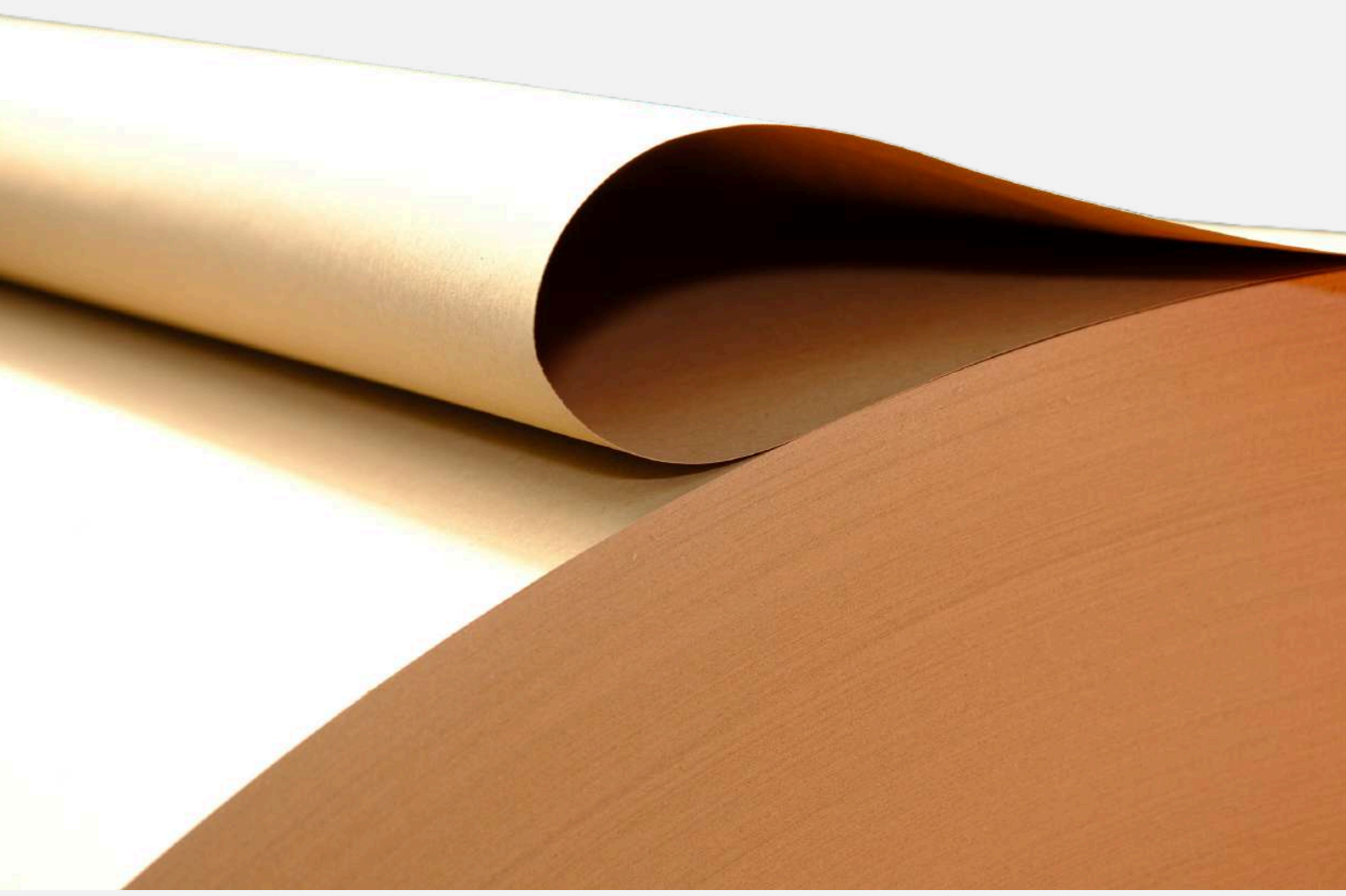


The mark of responsible forestry

All our papers are **FSC certified**, ensuring traceability and the responsible management of forest resources.



Our mills are certified by CSQA Certificazioni as compliant with the **ISO 14001 standard**.



Brown Liners

Polesine Test Liner

Polsine Test Liner 3



Polesine Liner 2

Polesine Onda Liner dual-use

Polesine Fluting

Polesine Medium

Polesine Wellenstoff

Polesine Wellenstoff Super

POLESINE Test Liner

The printable and durable face of Corrugated Board

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m^2	105	115	120	130	145	175	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	7,5	7,5	7,5	7,5	7,5	7,5	EN 20287
Resistenza scoppio +/-5% <i>Bursting strength</i>	kPa	168	178	180	195	217	253	ISO 2758
Indice di scoppio +/- 5% <i>Index bursting</i>	kPa m^2/g	1,60	1,55	1,50	1,50	1,50	1,45	ISO 2758
SCT-CD +/- 5%	kN/m	1,30	1,50	1,60	1,75	1,85	2,20	ISO 9895
RCT-CD +/- 5%	kN/m	0,60	0,68	0,73	0,80	0,95	1,15	ISO 12192

La carta può essere prodotta resistente all'umidità
Paper can be manufactured Moisture resistant

Cobb 60" 28-30 g/m2

ISO 535

Permeabile all'aria (metodo Gurley)
Air permeable (Gurley method)

35 – 40 sec.

ISO 5636/5

Test Liner is a versatile and cost-effective material, ideal for producing reliable and sustainable packaging. Its composition, made from recycled fibers, also makes it an eco-friendly choice, in line with current trends toward reducing environmental impact.



- **Good workability**
- **Value for money**
- **Versatility**
- **Sustainability**



POLESINE Test Liner 3

A Versatile Material with a Premium Appearance

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m^2	90	100	120	135	150	175	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	7,5	7,5	7,5	7,5	7,5	7,5	EN 20287
Resistenza scoppio +/- 5% <i>Bursting strength</i>	kPa	180	200	228	256	270	315	ISO 2758
Indice di scoppio +/- 5% <i>Index bursting</i>	kPa m^2/g	2,00	2,00	1,90	1,90	1,80	1,80	ISO 2758
SCT-CD +/- 5%	kN/m	1,55	1,60	1,85	2,10	2,25	2,60	ISO 9895
RCT-CD +/- 5%	kN/m	0,60	0,70	0,90	1,00	1,20	1,45	ISO 12192

La carta può essere prodotta resistente all'umidità
Paper can be manufactured Moisture resistant

Cobb 60" 28-30 g/m²

ISO 535

Permeabile all'aria (metodo Gurley)
Air permeable (Gurley method)

35 - 40 sec.

ISO 5636/5

ITest Liner 3 features excellent mechanical performance, high-quality aesthetics, and good printability.

It is a key component in the production of strong and durable packaging, and upon customer request, it can be treated for wet strength.



- **Composition**
- **Versatility**



POLESINE LINER 2

New



Polesine Liner 2 is a **high-performance Brown Liners solution** specifically designed to **enhance the quality** of corrugated board.

Produced exclusively from a carefully selected, premium-grade recycled fiber furnish with high fiber content, this liner ensures an unparalleled combination of mechanical strength and aesthetic performance.

2.4

**Index
Bursting**



Superior appearance



**Reliability of
performance values**

POLESINE *Liner 2*

High-end Recycled Liner for Premium Packaging

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m ²	110	115	120	140	160	180	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	7,5	7,5	7,5	7,5	7,5	7,5	EN 20287
SCT-CD +/- 5%	kN/m	1,90	2,00	2,05	2,35	2,60	2,75	ISO 9895
Indice di scoppio +/- 5% <i>Index bursting</i>	kPa m ² /g	2,40	2,40	2,40	2,40	2,40	2,30	ISO 2758
RCT-CD +/- 5%	kN/m	0,85	0,90	0,95	1,20	1,40	1,60	ISO 12192
COBB 60" +/- 10%	g/m ²	30	30	30	30	30	30	ISO 535
Permeabile all'aria (metodo Gurley) <i>Air permeable (Gurley method)</i>						35 – 40 sec.		ISO 5636/5



- High Burst Strength
- Superior Appearance
- Reliable Performance



POLESINE Onda Liner

A Versatile and Sustainable Material

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m ²	95	105	115	120	140	175	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	7,5	7,5	7,5	7,5	7,5	7,5	EN 20287
SCT-CD +/- 5%	kN/m	1,70	1,85	2,00	2,05	2,35	2,75	ISO 9895
Indice di scoppio +/- 5% <i>Index bursting</i>	kPa m ² /g	2,30	2,30	2,30	2,30	2,30	2,20	ISO 2758
CMT 30-MD +/- 5%	N	175	195	225	235	280	335	EN-ISO 7263
RCT-CD +/- 5%	kN/m	0,70	0,80	0,90	0,95	1,20	1,55	ISO 12192
COBB 60" +/- 10%	g/m ²	30	30	30	30	30	30	ISO 535
Permeabile all'aria (metodo Gurley) <i>Air permeable (Gurley method)</i>						35 – 40 sec.		ISO 5636/5

Onda Liner Dual-Purpose One Stock is an innovative, high-performance paper designed to meet the most demanding requirements of the packaging industry. Made from a blend of high-quality fibers, this paper offers an exceptional balance of strength, flexibility, and sustainability.



- **Cost Optimization**
- **Eco-Friendly**
- **Quality and Reliability**
- **One Stock Optimization**



Flutings

Polesine Test Liner

Polsine Test Liner 3



Polesine Liner 2

Polesine Onda Liner dual-use

Polesine Fluting

Polesine Medium

Polesine Wellenstoff

Polesine Wellenstoff Super

POLESINE Fluting

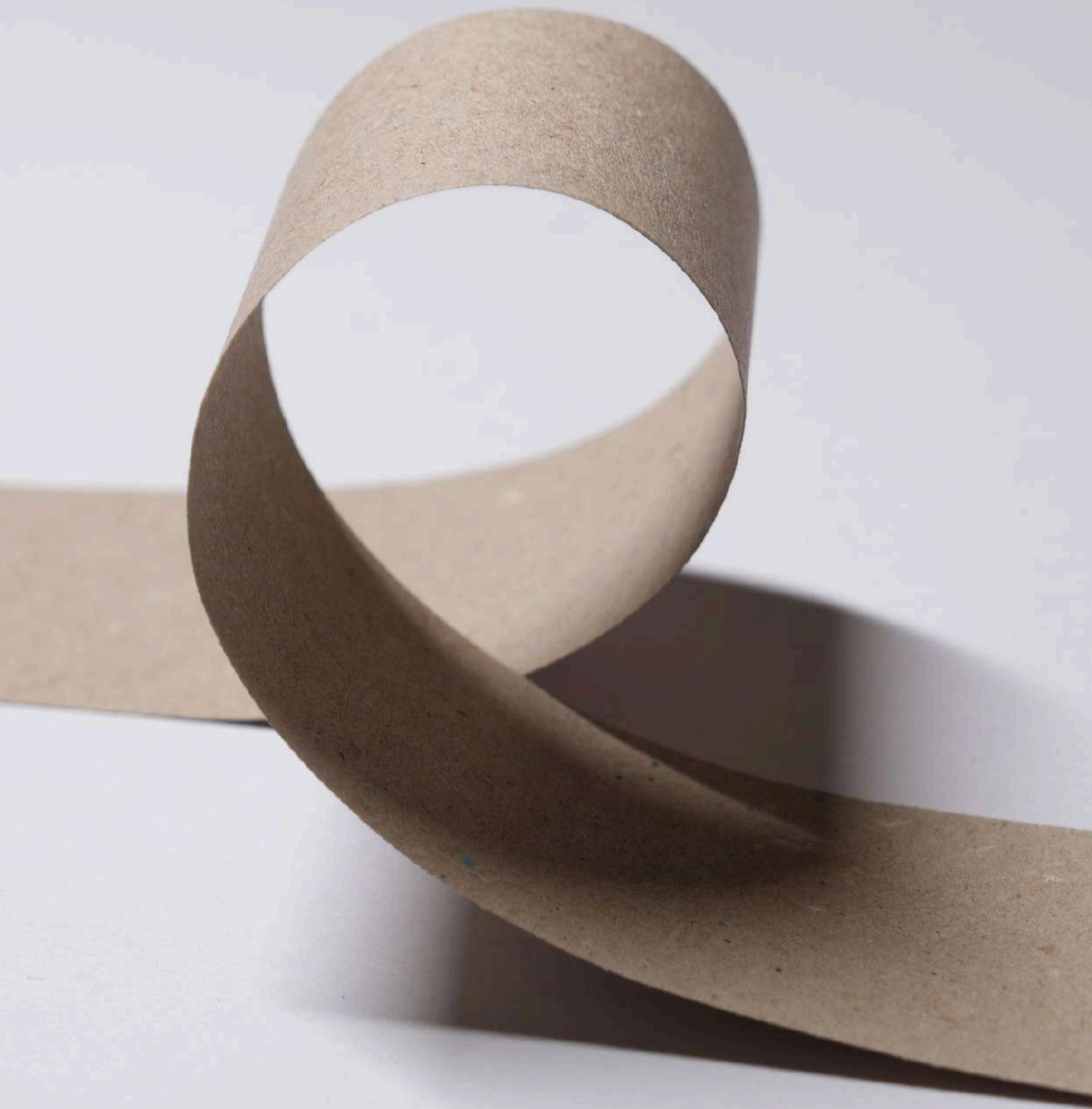
The Lightweight and Functional Core of Corrugated Board

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m^2	110	115	120	127	140	170	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	6,5	6,5	6,5	6,5	6,5	6,5	EN 20287
CMT 30-MD +/- 5%	N	120	140	150	160	180	215	EN-ISO 7263
RCT-CD +/- 5%	kN/m	0,52	0,65	0,70	0,75	0,85	1,05	ISO 12192
SCT-MD +/- 5%	kN/m	2,15	2,45	2,55	2,80	3,00	3,60	ISO 9895
SCT-CD +/- 5%	kN/m	1,15	1,30	1,35	1,50	1,60	1,90	ISO 9895

Fluting Paper is used in the production of corrugated board and is often employed as an intermediate layer. Made from recovered fibers, this paper has specific properties that make it ideal for this application.



- Good workability
- Low cost



POLESINE Fluting Light

The Lightweight and Functional Core of Corrugated Board

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m^2	90	95	100	105	110	115	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	6,5	6,5	6,5	6,5	6,5	6,5	EN 20287
CMT 30-MD +/- 5%	N	100	115	120	125	130	140	EN-ISO 7263
RCT-CD +/- 5%	kN/m	0,46	0,50	0,52	0,55	0,60	0,65	ISO 12192
SCT-MD +/- 5%	kN/m	1,95	2,05	2,15	2,25	2,35	2,45	ISO 9895
SCT-CD +/- 5%	kN/m	1,05	1,10	1,15	1,20	1,25	1,30	ISO 9895

Fluting Light – For those who want Fluting Paper with a lower basis weight while maintaining the same properties.



- Low basis weight
- Cost-effective

POLESINE Medium

The Strong and Reliable Core of Packaging

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m^2	105	115	120	127	140	175	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	6,5	6,5	6,5	6,5	6,5	6,5	EN 20287
CMT 30-MD +/- 5%	N	150	170	180	190	210	230	EN-ISO 7263
RCT-CD +/- 5%	kN/m	0,65	0,75	0,80	0,85	1,00	1,25	ISO 12192
SCT-MD +/- 5%	kN/m	2,50	2,85	3,05	3,25	3,40	3,80	ISO 9895
SCT-CD +/- 5%	kN/m	1,30	1,50	1,60	1,70	1,80	2,05	ISO 9895

Medium Fluting Paper is a key component in the production of corrugated board packaging and represents a cornerstone of the Italian papermaking tradition. With excellent strength and flexibility, this type of paper is used as fluting, giving the final board a solid and protective structure.



- **Structural Strength**
- **Good Workability**
- **Versatility**



POLESINE Wellenstoff

The Strong and Lightweight Core of Corrugated Board

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	<i>g/m²</i>	90	100	110	120	140	175	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	7,0	7,0	7,0	7,0	7,0	7,0	EN 20287
CMT 30-MD +/- 5%	N	155	170	185	215	260	315	EN-ISO 7263
RCT-CD +/- 5%	kN/m	0,60	0,70	0,78	0,85	1,10	1,35	ISO 12192
SCT-MD +/- 5%	kN/m	2,80	3,00	3,30	3,50	4,00	4,75	ISO 9895
SCT-CD +/- 5%	kN/m	1,55	1,60	1,75	1,90	2,15	2,60	ISO 9895
Permeabile all'aria (metodo Gurley) <i>Air permeable (Gurley method)</i>							35 – 40 sec.	ISO 5636/5

Wellenstoff Fluting Paper is a key component in the production of corrugated board. This paper, characterized by a unique fibrous structure and high strength, undergoes a sizing process that provides superior mechanical performance while maintaining excellent workability.



- High Strength
- Flexibility



POLESINE Wellenstoff Super

The Premium Paper for High Mechanical Performance and Low Weight

TEST	UNIT	NOMINAL BASIS WEIGHT						STANDARD
Grammatura +/- 3% <i>Basis weight</i>	g/m^2	100	110	120	127	140	175	ISO 536
Umidità +/- 5% <i>Moisture</i>	%	7,0	7,0	7,0	7,0	7,0	7,0	EN 20287
CMT 30-MD +/- 5%	N	185	205	235	240	280	335	EN-ISO 7263
RCT-CD +/- 5%	kN/m	0,75	0,85	0,95	1,00	1,20	1,55	ISO 12192
SCT-MD +/- 5%	kN/m	3,25	3,55	3,80	4,00	4,30	5,05	ISO 9895
SCT-CD +/- 5%	kN/m	1,75	1,90	2,05	2,15	2,35	2,75	ISO 9895
Permeabile all'aria (metodo Gurley) <i>Air permeable (Gurley method)</i>						35 – 40 sec.		ISO 5636/5

Wellenstoff Super Fluting Paper represents the flagship of fluting papers used in corrugated board production. Made from highly fibrous pulp, this paper features high strength and undergoes a sizing process that enhances its mechanical performance while maintaining good adhesion and corrugating properties.



- Superior Strength
- Flexibility





Campioni prelevati secondo norme EN-ISO 186. Test effettuati in laboratorio condizionato a $23^{\circ}\text{C} \pm 1^{\circ}\text{C}$ e U.R. $50\% \pm 2\%$ secondo norme EN-ISO 187.

I valori sono garantiti solamente se verificati con i metodi di controllo indicato e non dedotti mediante formule di correlazione.

Samples taken according to norm EN-ISO 186. Test conditions: $23^{\circ}\text{C} \pm 1^{\circ}\text{C}$ and $50\% \pm 2\%$ R.H. according to norm EN-ISO 187.

The verification of the values is guaranteed only if tests are carried out according to the indicated standards and not calculated by correlation formulas.

*Need more information or assistance in
choosing the right product?*

Visit our website
www.cartieredelpolesine.it

Or write to us at

info@cartieredelpolesine.it

We'll be happy to help!



@cartiere_del_polesine



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