

MAINE 1 FACE

Label & Packaging



ARJOWIGGINS



The world leader in the production of creative and hi-tech materials, Arjowiggins is present in Europe, America and Asia, with 31 factories on 4 continents, employing 8,000 people.

Continuously receptive to market demand, Arjowiggins focuses on making products with an appearance and intrinsic quality that positions the group as an authority in such varied fields as Publishing, Fine Arts, Packaging, Office Automation, Security, Healthcare and Industry. With 215 researchers and 3 R&D centres, Arjowiggins makes technology and innovation major components of its strategy.

Thanks to a varied product and service offer, famous brands and solutions to customer demands, Arjowiggins is one of the most extensive and high performing operators in the market.

COMMITMENT TOWARDS SUSTAINABLE DEVELOPMENT

For Arjowiggins, protecting the environment is an essential part of its strategy. The Group has set itself the objective of measuring the impact of its activities on the environment and taking the necessary steps to reduce their effects to the lowest, reasonably attainable level. The publication of the Arjowiggins Environmental Charter defines the will to define the Group's commitments with respect to employees and the public. Initiated in 1997, ISO 14001 certification of the Group's sites is ongoing.



▶ Maine 1 Face, WORKING FOR YOUR BRAND

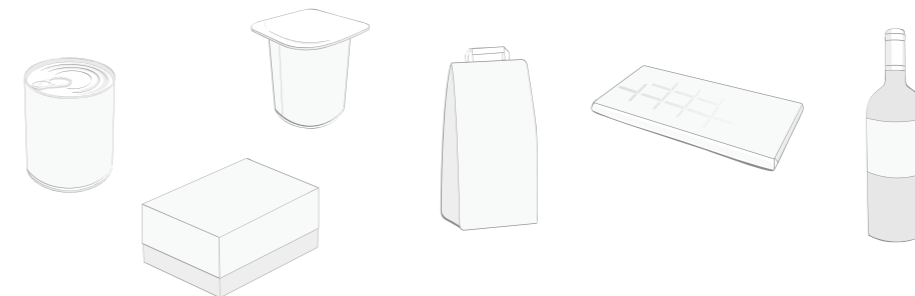
For the past 25 years, the Maine 1 Face range of papers has been improved and enriched to enhance and promote a company's products, brands and image.

Radiant white, high quality coatings developed using Arjowiggins know-how and perfect runnability, make Maine 1 Face products the ideal range of one-side-coated papers for rigid and soft packaging and labelling.

▶ Maine 1 Face, WORKING FOR INDUSTRY

Backed-up by the expertise and recognised innovation of the Arjowiggins group, the Maine 1 Face paper range anticipates and satisfies the ever-growing needs of end-users in the packaging and labelling market.

An ideal processing material, each Maine 1 Face grade meets your technical and regulatory requirements.



MAINE 1 FACE

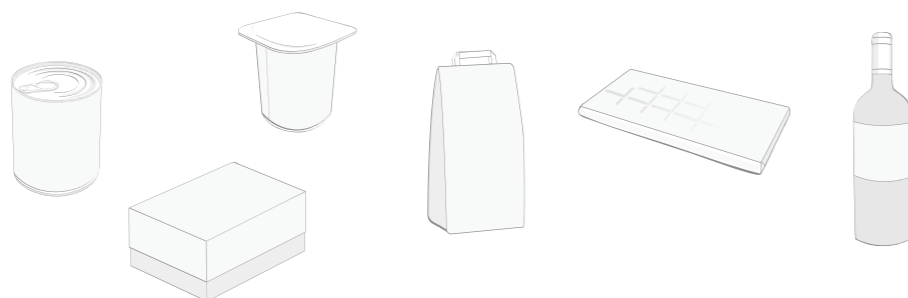
Label & Packaging

▶ Maine 1 Face, GUARANTEED QUALITY

Designed to meet the requirements of your production processes, the Maine 1 Face range of papers remains irreproachable in all its fields of application: labelling, lamination onto board, soft packaging, greaseproof packaging... Maine 1 Face papers are checked at each stage of their production to guarantee perfect consistency. They are manufactured in ISO 9001 and ISO 14001 certified factories.

▶ Maine 1 Face, YOUR PARTNER FOR THE FUTURE

Our dedicated team is here to help you achieve your performance objectives. Receptive to your innovative needs, we provide tailored solutions within the shortest possible time frames. A major player in labelling as well as soft and rigid packaging, Arjowiggins permanently invests in new machinery to offer products for the future and to support you in your growth.



The range of MAINE 1 FACE papers

MAINE 1 FACE

1-side-coated paper for labels, lamination onto board and soft packaging.

80 g, 85 g, 90 g,
100 g, 110 g, 120 g,
135 g, 150 g

MAINE 1 FACE S

1-side-coated silk paper for labelling.

80 g

MAINE 1 FACE L

1-side-coated line textured paper for lamination onto board.

100 g, 115 g, 135 g

MAINE 1 FACE GP

1-side-coated greaseproof paper for packaging greasy products.

70 g, 80 g, 90 g

MAINE 1 FACE YD

1-side-coated paper for yoghurt pot bands.

90 g, 95 g

MAINE 1 FACE R

1-side-coated paper for soft packaging, lamination onto board, gravure.

80 g, 85 g, 90 g,
100 g, 110 g, 120 g,
135 g, 150 g

MAINE 1 FACE

The labelling and processing partner



Label printed in four-colour offset on
Maine 1 Face 80g/m²
175 screen.
In line gloss acrylic varnish.
Cut and glued.

MAJOR APPLICATIONS

- ***Labels** for cans, glass or plastic containers.
- ***Lamination** onto luxury products or fragrance packaging, games boxes, puzzles and CDs.
- ***Soft packaging:** coffee, chocolate, cigarettes.

With its **high whiteness, gloss level** and **impeccable surface quality**, Maine 1 Face guarantees accurate reproduction of colour and achieves standout for products and their brands. Its print quality is also outstanding and perfectly consistent.

Thanks to its **mechanical features** and **specially adapted reverse-side** for adhesive applications, Maine 1 Face leaves users in this field fully satisfied:

- **Labelling:** Designed for high speed labelling, Maine 1 Face is applied to all types of materials. Flat and stable, the label is rapidly and definitively positioned.
- **Packaging and lamination:** Maine 1 Face strengthens the rigidity of packaging. The packaged product is excellently presented, from its design right through to its presence on the shelf.
- **Printing:** Maine 1 Face offers very good dimensional stability and easy sheet transfer, guaranteeing excellent runnability for the printer.

GRAMMAGES

80, 85, 90, 100, 110, 120, 135, 150 g/m²

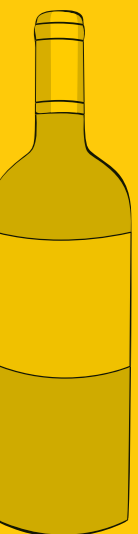
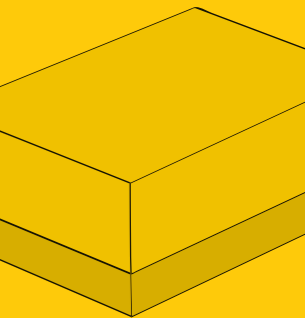
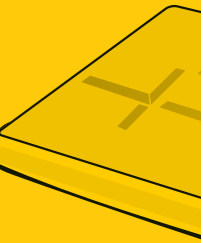
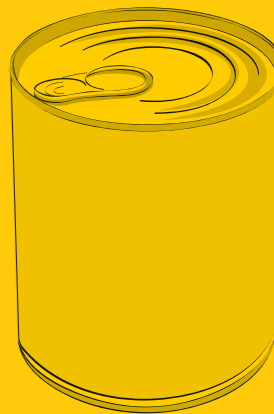
ADDITIONAL INFORMATION

Excellent printability with offset and traditional printing techniques. (gravure, flexography, typography, silk-screen and hot foil blocking).

Can be laminated with aluminium, receive PE coating or hot melt.

Adapted for different types of glues and varnishes.

Not wet strength.



MAINE 1 FACE S

For the labelling of luxury products



Label printed offset on
Maine 1 Face S 80g/m² 2 direct colours.
In line matt acrylic varnish.
Cut and glued.



▶ MAJOR APPLICATIONS

Labels for wines and spirits and any other luxury products.

The **silky surface** and **extreme whiteness** of Maine 1 Face S make this paper an ideal choice for luxury products and brands. Good printing contrast is obtained between **the deep matt** of Maine 1 Face S and the gloss level of the inks.

The **quality of its coating** gives excellent print results.

Thanks to its **smoothness** and **dimensional stability**, Maine 1 Face S guarantees excellent runnability on sheetfed offset presses. The reverse-side of the paper has been specially designed to allow the best possible adherence of the glue.

▶ GRAMMAGE

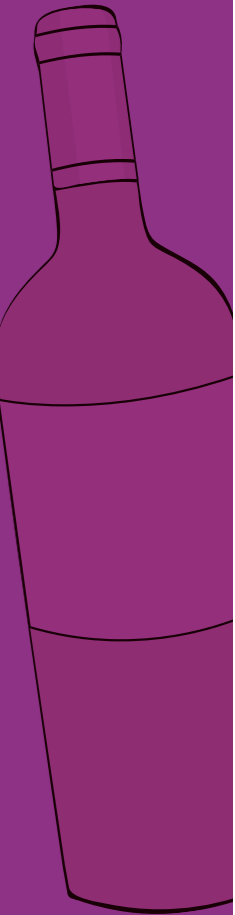
80g/m²

▶ ADDITIONAL INFORMATIONS

Good printability with all traditional print techniques (not suitable for gravure).

May be used with different types of glues.

Not wet strength.



MAINE 1 FACE E

Perfectly adapted for gluing



Box printed four-colour offset on
Maine 1 Face E 100g/m²
175 screen.
In line matt acrylic varnish.
Laminated to board, cut and creased.

MAJOR APPLICATIONS

Boxes for games and luxury products.

The **embossed surface** of Maine 1 Face E, its textured finish and specific feel give an appealing finish to all types of packaging. The image is perfectly reproduced and the embossed surface gives additional impact.

Maine 1 Face E is perfectly suited for lamination onto board and box production. **Easy to fold** guarantees impeccable corners and creases.

Compliant with regulations on toys (EN 71-3 norm), Maine 1 Face E is ideal for games boxes.

GRAMMAGES

100, 115, 135 g/m²

ADDITIONAL INFORMATIONS

Effective with different types of glues, it is ideal for uniquely shaped packaging.

Maine 1 Face E offers excellent results with offset printing.

MAINE 1 FACE GP

Perfect barrier for the packaging and labelling of greasy products



Bag printed rotogravure on
Maine 1 Face GP 80g/m²
4 printing heads – in line gloss acrylic varnish.
Cut, folding and transformation.

MAJOR APPLICATIONS

Packaging and labelling of greasy products: pet food bags, packaging for cakes and biscuits, labels for oil bottles.

Greaseproof paper, approved by BfR for **direct contact with food**, Maine 1 Face GP is particularly designed to package and label greasy products.

Strictly checked throughout its production, it offers perfect resistance to grease.

Maine 1 Face GP is the ideal product for the outer layer of pet food bags:
- The **quality of its coating** guarantees perfect print quality in flexography and gravure. It does not flake during handling.

- Its **excellent mechanical characteristics** guarantee strong resistance during handling and transport.

- Its **rapid gluing** and extreme flexibility optimise runnability in the processing machine.

GRAMMAGES

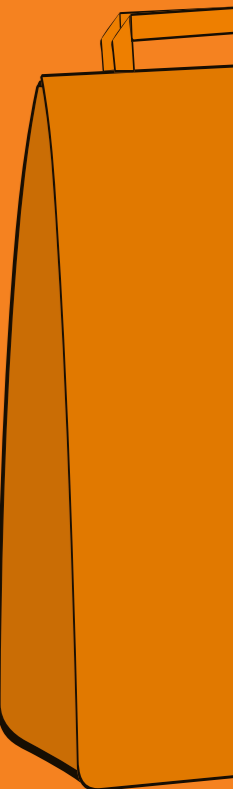
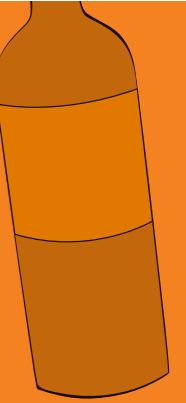
70, 80, 90 g/m²

ADDITIONAL INFORMATIONS

Ideal for enduction and film-coating.

Compatible with all types of glue (water-based or hot melt).

Designed to work with different types of varnish.



MAINE 1 FACE YB

The optimum combination for
yoghurt pot bands



Label printed rotogravure on
Maine 1 Face YB 95g/m² - 4 printing heads.
In line gloss acrylic varnish.

▶ MAJOR APPLICATIONS

Yoghurt labels for in mould labelling.

Maine 1 Face YB has been designed to meet the specific needs of the yoghurt market and production of plastic, thermoformed pots (in-mould labelling).

Both **resistant** and **flexible**, Maine 1 Face YB strengthens the pot and ensures perfect transformation: the bands are inserted quickly and easily in all types of moulds.

Thanks to the **extreme whiteness** of this paper and the **quality of its coating**, the printed image clearly stands out and colours are reproduced in all their radiance.

The reverse-side of the paper gives perfect results with hot melt adhesives.

▶ GRAMMAGES

90, 95 g/m²

▶ ADDITIONAL INFORMATIONS

Excellent print quality with gravure.

MAINE 1 FACE R

The solution for printed packaging in gravure



Label printed four-colour offset on
Maine 1 Face R 90g/m²
175 screen.
In line matt acrylic varnish.
Hot foil blocking and embossing.
Cut, folded and glued.

MAJOR APPLICATIONS

Soft packaging for the food and tobacco industry.
Washing powder boxes.

Maine 1 Face R is the ideal solution in the field of soft packaging, where printing is mainly done in flexography or gravure.

Impeccable surface quality, extreme whiteness, and optimum coating, Maine 1 Face R has a vast range of assets to guarantee print quality. The end product stands out and catches the consumer's attention.

Resistant to folding, Maine 1 Face R is particularly suited to lamination onto board, aimed at the production of boxes.

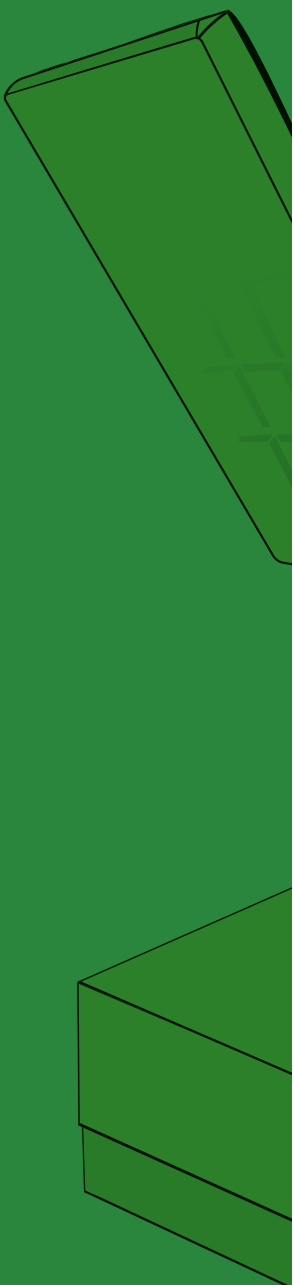
GRAMMAGES

80, 85, 90, 100, 110, 120, 135, 150 g/m²

ADDITIONAL INFORMATION

May be embossed, hot foil blocked and varnished (UV or acrylic).

May be printed using all printing techniques.

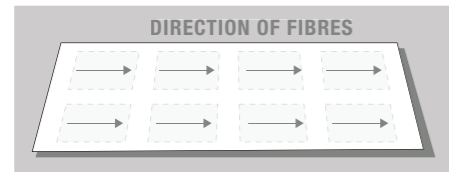


A FEW TIPS

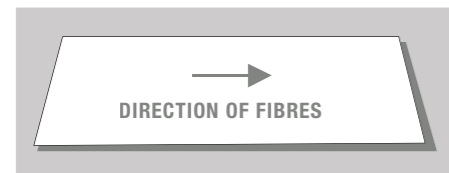
CUTTING

To avoid runnability problems during printing, it is necessary to respect certain rules when cutting the initial format to the format of the run on the press.

RESPECT THE DIRECTION OF FIBRES



Printing: The fibre direction of the paper should be perpendicular to the printing direction

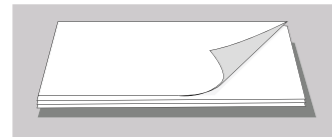


CROSS DIRECTION



PRINTING

Check the paper is the correct way up before printing in order to print on the coated side.

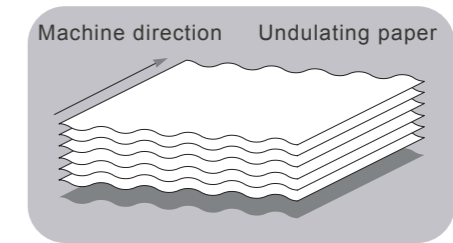


RECOMMENDED TIMES FOR CONDITIONING UNOPENED PALLETS

| PALLET VOLUME | DIFFERENCE IN TEMPERATURE INSIDE AND OUTSIDE | | | | | | | |
|-------------------|--|-------|------|------|------|------|------|-------|
| | 5°C | 7,5°C | 10°C | 15°C | 20°C | 25°C | 30°C | 35°C |
| 0,2m ³ | 4 h | 7 h | 9 h | 15 h | 21 h | 28 h | 41 h | 62 h |
| 0,4m ³ | 7 h | 12 h | 17 h | 26 h | 36 h | 41 h | 64 h | 92 h |
| 0,6m ³ | 9 h | 15 h | 20 h | 31 h | 42 h | 55 h | 76 h | 106 h |
| 1 m ³ | 12 h | 18 h | 23 h | 33 h | 46 h | 63 h | 84 h | 115 h |
| 2 m ³ | 13 h | 19 h | 24 h | 35 h | 49 h | 66 h | 90 h | 123 h |

HIGH HUMIDITY AND ITS EFFECTS ON PAPER

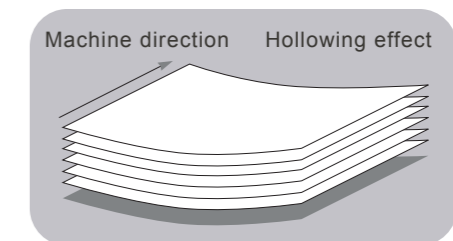
Fibres absorb surplus humidity in the atmosphere and dilate contrary to the machine direction. This causes the paper to undulate. To avoid this problem, make sure the paper remains in its packaging until used and then protect it at each stage of production.



Relative atmospheric humidity 75%
Relative paper humidity 50%

LOW HUMIDITY AND ITS EFFECTS ON PAPER

In an excessively dry atmosphere, existing humidity in the paper evaporates and the fibres contrary to the machine direction contract. This creates a hollowing effect, especially in the winter.



Relative atmospheric humidity 35%
Relative paper humidity 50%

www.maine1face.com



ARJOWIGGINS

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