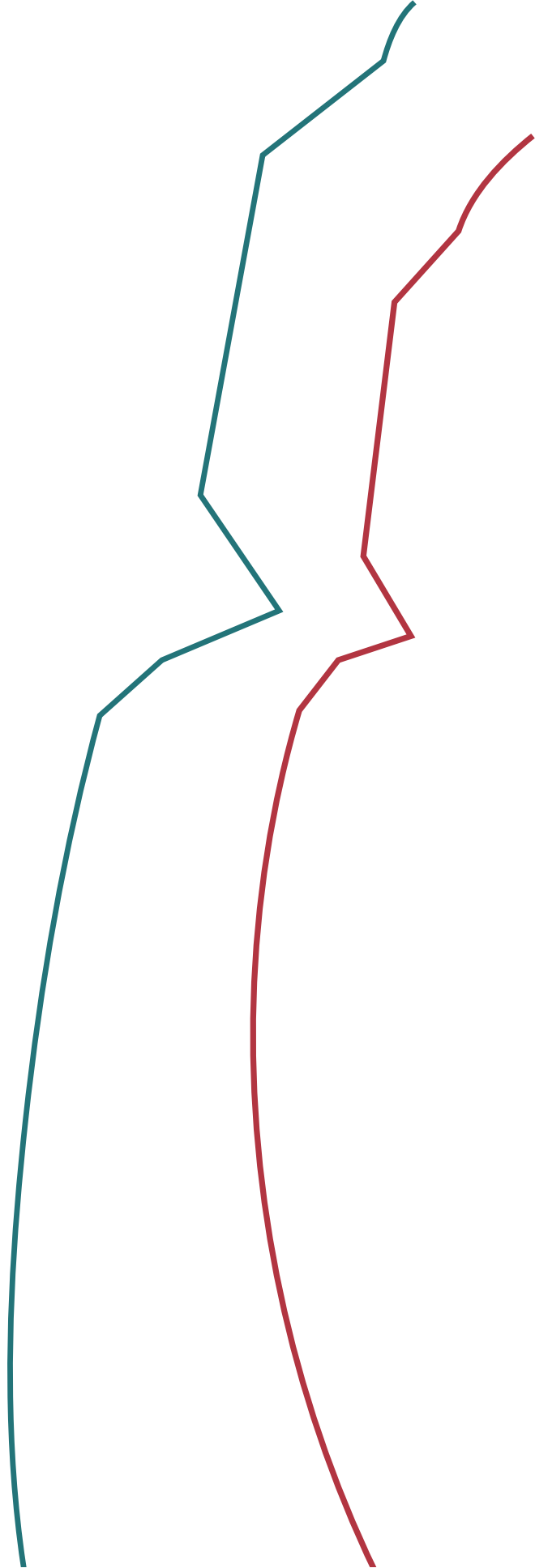


Arias
envases flexibles


ecovalente
envases sostenibles



CATALOGUE
PRODUCT AND SERVICES

About us

At Arias we **manufacture flexible packaging** since the beginning of our journey in the walled city of Lugo, **more than 60 years ago**.

Arias is a company committed to the environment and to society, exemplar locally and regionally of job creation and care for others. We work actively alongside universities and research centers in our community, which helps us stay on the leading edge of development. As a result of this work and continuous innovation, we have been awarded several recognitions to business performance and modernization.

At Arias we have always **worked for the environment** and sustainable development. **Ecovalente originated** from this commitment as an individual entity, financially independent, and in search of innovation while maintaining our origins and our essence: care for people, for the environment, sustainability, and long-term vision.

We are a local company with a global focus, and a team of engineers, physicists, economists, MBAs and technicians, that intend to provide our clients, throughout the world, with the best possible flexible packaging, while caring for customer service and providing the advice they need.



Specialists on Flexible Packaging



Areas of Specialty

During our more than 60 years of history, we have developed the greatest possible market experience in the following areas:

Food



Preservation of meat and fresh and frozen fish, with and without bone / shell.

- Mollusk and shellfish
- Meat
- Gourmet products, cold cut, and cheese
- Nuts and vegetables
- Sweets, chocolates, snacks, and infusions
- Pastries and bread
- Others

Pet Food



Special materials for different types of applications:

- Dry food
- Wet food
- Food that requires heat application and preservation at high and low temperatures

Pharmacy & Cosmetics



Packaging manufactured with the highest quality standards for the pharmaceutical and cosmetic industry.

- Masks
- Scrubs
- Bronzers

Complex Materials



Special high barrier, microwave materials, resistant to high and low temperatures, with puncture resistance and the longest durability.

Agriculture



Innovative high-quality materials with the best additives, that help improve their properties and uses of film for agricultural application

Chemical



Materials ideal for packaging of chemical products, with the need to endure high temperatures and some types of corrosive, acid, or alkaline materials.



Services

Atención máxima y equipo dedicado con experiencia sectorial.

Best customer care and a dedicated team with sectorial experience.

Our philosophy is to provide our client with a **customized service** and **continuous advice** on packaging design.

Our team advises the client throughout the making with the **highest quality** in the market, on any type of material, either **coextruded or laminated, plain or printed**.

Fast Track

It is Arias' methodology for our designs.

We use our collaborative Fast Track methodology for launching packaging in short time frames.



How do we work?

Our method allows us to work with our clients to come up with the best solutions on the market.

We help you design your products:

- By providing the properties you need
- By adapting to your corporate image and the required functionality

3 weeks

Contact

Concept Development

Prototype creation for the consumer

Production and printing

Delivery and Follow-up





Printed materials with the highest quality and care for the environment. All materials are commercialized in their standard format or with a bespoke fabrication service.



Product index



1 Films

- 1.1 Coextruded and laminated films for thermoforming, vacuum, heat seal, Flowpack and Doypack machines
- 1.2 Skin materials
- 1.3 Films for freezing

We have a human team and a specialized division on thermoforming

Contact our team for more information

2 Sustainable Materials

- 2.1 Vacuum / retractable / modified atmosphere bags
- 2.2 Cooking / Pasteurization/ Sterilization bags
- 2.3 Fourth and fifth range bags
- 2.4 Freezing and embossed bags



3 Special Bags



4 Other Products

- 4.1 Commercial bags
- 4.2 Agriculture products
- 4.3 Domestic machine products and tapes
- 4.4 Other



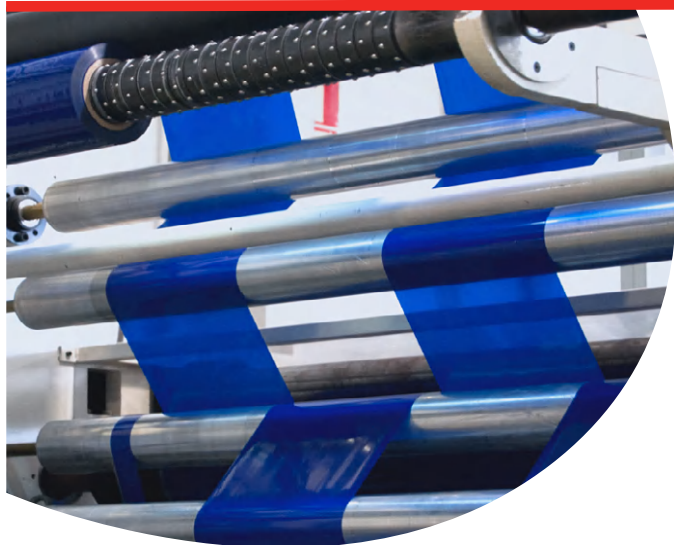


1. Films

1.1.1. Coextruded and laminated films for thermoforming, vacuum, heat seal, Flowpack and Doypack machines

Contact us for standard measures and minimum order quantity. Customized split orders. Manufactured on demand for any measure and, if needed, printed with up to 8 tints. Ask for price, minimum order quantity, and delivery date. Free sample delivery.

ARIEX AND ARILID GROUPS



Lids and bases for your industrial machines with excellent thermoforming and sealing properties. Materials with high barrier with different **micron ratings (75-150 my)**. They can be printed with the best quality and care for the environment.

The ARILID group lids can be peelable and non-peelable and made with the most suitable materials: polyamide, polyethylene, PET, POEVOH

Our own materials are **ideal** for:

- Thermoformed and heat seal lids
- High barrier needs
- Puncture resistance
- Transparence

ARITER GROUP



Coextruded films of up to 11 layers with good resistance and low forming and sealing temperatures. Available on thickness ranges from **85my to 300my**.

Ideal for:

- Vacuum and high (pasteurization and sterilization) and low (freezing) processes. Contact us for autoclave materials.
- High puncture resistance
- Thermoforming films can be customized with the image selected by the client.
- High transparence

ARIPP GROUP



Polypropylene laminated solutions with added oxygen barrier according to the client's needs and coextruded for Flowpack and Doypack machines.

- All possible micron ratings
- Highest quality printing
- Ideal for Flowpack and Doypack machines

 **Contact our team of experts for the best solution for your machine and product**



1. Films



1.2 Ariskin materials

Contact us for standard measures and minimum order quantity. Customized split orders. Manufactured on demand for any measure and, if needed, printed with up to 8 tints. Ask for price, minimum order quantity, and delivery date. Free sample delivery.

ARISKIN GROUP

The Ariskin Group comprises our Skin Pack materials with high barrier and total puncture resistance.

Our Ariskin material is available in various thickness. Main features:

- Total product fit
- Maximum transparency
- Micron rating reduction
- Adherence to different bases



1.3 Films for freezing

ARIPET GROUP

Ideal materials to endure freezing and ultra-freezing temperatures.

- Highest brightness
- Sandwich printing
- Flowpack and vertical packaging solutions



Contact our team of experts for the best solution for your machine and product.





2. Special bags

2.1 Vacuum / retractable / modified atmosphere bags

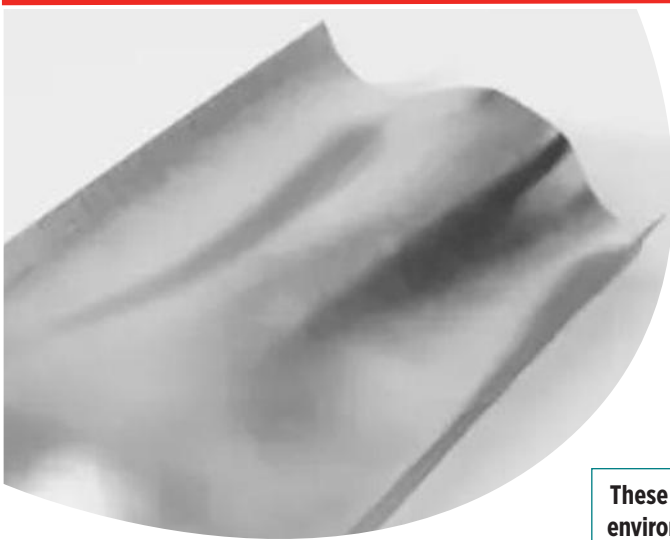
Contact us for standard measures and minimum order quantity. Prices euro/thousands. Customized split orders. Manufactured on demand for any measure and, if needed, printed with up to 10 tints. Ask for price, minimum order quantity, and delivery date. Free sample delivery.

ARIPLEX, ARIPLATA AND ARIORO GROUPS

Laminated films with the best existing materials. Ideal for sandwich printing.

- Thickness between 75 and 160my
- High oxygen barrier
- Puncture resistance
- Ideal for soft, hard, and extra hard products (depending on the selected micron rating)
- Perfect for meat with and without bone, sausages, fish, sliced products, precooked food and pastry.
- Solutions for silver and gold with Ariplata (silver) and Arioro (gold) groups

These materials can be printed with the best quality and care for the environment. We can produce customized measures (minimum order quantity).



ARIEX GROUP

Bags made with coextruded films and the best existing materials.

- Thickness between 60 and 150my
- High oxygen barrier
- Ideal for soft, hard, and extra hard products (depending on the selected micron rating)
- Ideal for cheese, meat with and without bone, sausages, fish, sliced products...
- Superficial printing

These materials can be printed with the best quality and care for the environment. We can produce customized measures (minimum order quantity).



 On demand only

RETRACTABLE BAGS

Coextruded films with the best existing materials.

- Thickness: 50-120 microns
- Multilayered structure
- Barrier effect: very high
- Great retraction capacity. Second skin product fit.
- Possibility of 2 lateral sealings or just one bottom sealing (curved or straight)



2. Special Bags



2.2 Bags for cooking / pasteurization / sterilization

ARIPLEX-2X

Ideal for high temperatures

- Ideal for semi-hard products
- It resists high temperatures while cooking food in the inside



ARIMÉ

- Extraordinary resistance
- deal for extra hard products or with cutting edges.
- Possibility of cooking sea food in their shell inside the bag



These materials can be printed with the best quality and care for the environment. We can produce customized measures (minimum order quantity).





2. Special Bags

2.3 Bags for fourth and fifth range
FREEZING AND EMBOSSED BAGS

ARIPET BAG



Our solution for frozen products.

- Highest brightness
- Best printing capacity
- Minimizes tear in the packaging process
- Puncture resistance

FREEZING BAG



XELO bags destined for freezing all types of products, without industrial machinery.

These bags have a printed white block for writing notes about the bag's contents and a metallic polyamide coated twist tie closure

EMBOSED BAG



Ideal for creating vacuum in domestic machines

- Best possible texture to reach vacuum.
- Ideal for preserving food for long periods of time



We are manufacturers. Contact us for pricing






ecovalente

envases sostenibles

**On
our
way to
sustainability.**

Arinaturals, the range of products of  **ecovalente**, represents, today, the range of recyclable and sustainable products of *Amás* envases flexibles.

Nevertheless, day by day, we continue to include monPET, PET or polyamide polyethylene products that can be incorporated in recycling chains.

Contact our team for more information.

Together with **ecovalente**, we introduce our Arinaturals range that provides sustainable packaging solutions.

In anticipation to the 2030 guidelines, we are already focusing on packaging solutions with recycled, compostable or 100% recycled materials, made mainly of polyolefins with barrier that will allow the manufacture of bags or its use for thermoformed bases and lids.

It brings us lids and bases ideal for thermoforming and sealing machines. Ideal for:

- Lids and bases
- Micron ratings of 80-180my
- High barrier and brightness

Arinaturals



i On demand only!

ARIEX-NAT

Our range of polyolefin structures with high barrier to oxygen, Ariex-Nat, is perfect for soft and semi-hard food bags, where vacuum is required, as well as for its use in industrial machines (lids).

Benefits:

- ✓ Great resistance to impact and barrier effect. Free of PA.
- ✓ Good sealing
- ✓ Resistance to high and low temperatures.

Always thought with the most responsible design possible and with the highest graphic printing quality



i On demand only!

ARITER-NAT

Our range Ariter-Nat offers coextruded films starting on 150 microns with good oxygen and water barrier. Very good option to substitute the traditional solutions PA and PET.

Benefits

- ✓ Good machine performance
- ✓ Excellent resistance to puncture and scratch

Always thought with the most responsible design possible and with the highest graphic printing quality

3. Sustainable materials



ARIPLEX-NAT

Multilayered solutions with PP and PE base, ideal for:

- Preserving the product for long periods of time
- Sandwich printing
- Fish, sliced products and semi-extra hard meat
- Thickness between 75-150my



ARIBIO

Materials of organic origin, ideal for products labeled as “bio based”

- Printing capacity
- Replaces solutions of classic PE with solutions of polymers from renewable sources



OTHER SOLUTIONS WITHOUT VACUUM: COMPOSTING

Compostable bags with and without barrier
(Ask about life cycle and physical and chemical properties)



Contact us for measures and thickness





4. Other products

Contact us for special requirements. We are packaging specialists.

4.1 Commercial bags



Manufactured with polyethylene of high or low density, we offer various models according to the client's preferences and likes.

Manufactured with polyethylene of high or low density and available in various models according to preferences and needs.

Printed in up to 10 tints.

- Bags with flexible handle
- T-shirt bags
- Die cut handle bags



Possibility of including a % of recycled material

4.2 Agriculture plastics



MORE PRODUCTS FOR AGRICULTURE

- BLACK PLASTIC (GAUGE 200,400,700)
- TRANSPARENT PLASTIC (GAUGE 400, 600)
- THERMAL BLANKET



Plastic cut order.

Select the width and length you need.

Contact us for pricing related to full rolls.



4. Other products

4.3 Domestic machine products and tapes

Embossed rolls and bags are the result of our focus on innovation. The main characteristic of these bags is their texture, since they are comprised of both a smooth and a rough side that allow for the creation of vacuum in the domestic machine, preserving food for long periods of time.

At Arias we are manufacturers, we make customized bags. Contact us without obligation.

Embossed roll



MACHINE REPLACEMENTS

- Resistance wire diameter 0,5mm
- Resistance vacuum machines
- Teflon vacuum machines width 2,5cm
- Teflon vacuum machines width 5cm
- Teflon vacuum machines width 8cm

MORE PRODUCTS FOR DOMESTIC MACHINES AND TAPES

- Adhesive
- Beacon
- Precinct

Microperforated Polypropylene rolls

- Smooth or microperforated rolls
- Semi tube or sheet presentation
- Customized for every client
- Measure variety



Sacks

We manufacture bespoke plastic sacks for multiple uses, and we customize the design for the client. We also have available diverse plain standard types. Measures in cm, price per unit.



Bags with grip and zip closure

These bags are characterized for having a hermetic and reusable closure. Measures in cm and price in thousands.



Waxed paper

Its properties make it ideal for packing food.



Food film roll

Wardrobe

Black plastic waste bag



We are manufacturers, you can contact us for pricing





ARIAS ENVASES FLEXIBLES/ ECOVALENTE

Rúa da Industria · 108 · 27003 Lugo · Galicia · España
Telf. 982 20 70 58 · Fax: 982 20 70 63 · Móvil. 687 52 15 95
e-mail: info@plasticoasarias.com | info@ecovalente.com

Arias
envases flexibles

ecovalente
envases sostenibles

IONet
THE INTERNATIONAL CERTIFICATION NETWORK

ER
EUROPEAN RECYCLING

AFIR
AFIR CERTIFICATION

IFS
IFS SECURE



Arias
envases flexibles


ecoivalente
envases sostenibles



Visit our Online store

www.plasticosarias.com