



Packaging and polymer materials for international buyers

Product families, applications and technical starting points for export enquiries. Every commercial specification is confirmed through a current datasheet and application review.



Flexible films / PET preforms / Caps and handles / PET packaging / Polymer grades

Commercial contacts: UAE +971 50 111 4584 | Iran +98 933 154 1009 | China +852 5421 1940

How to use this catalogue

Select a family and review each product individually. For a useful quotation, share the application, destination country, target dimensions or grade, expected monthly volume, line conditions and documents required. Nexis will confirm the feasible configuration, sample route, current technical datasheet and commercial terms.

The values and descriptions here are catalog references. They do not establish certification, food-contact suitability, regulatory approval, stock availability or a fixed price for every market. These must be confirmed for the actual product and destination.

Product families

Flexible films - 5 entries

PET preforms - 10 entries

Caps and handles - 5 entries

PET packaging applications - 9 entries

Polymer raw materials - 11 entries

Start an export enquiry: www.nexisplast.com/en/contact

Flexible films

5 distinct catalog entries. Review the linked page for detailed content and request the verified product sheet.



STRETCH FILM

Stretch film is used to stabilize pallet loads and protect products during handling, transport and storage. Available configurations can be selected by width, thickness and intended wrapping process. Confirm puncture resistance, load retention, elongation and compatibility with the wrapping machine against your actual goods and logistics

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FOOD STRETCH FILM

The most important feature of food stretch film is protecting food from dust and maintaining product safety during transportation. This product, by vacuum-sealing the food, prevents it from spoiling quickly. Additionally, its gloss and transparency enhance the aesthetic appeal of product packaging, and despite its thinness, it offers high durability. This characteristic makes...

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silage stretch

Nexis silage stretch film utilizes advanced technology for storing, processing, and preserving the nutritional value of forage. This method allows farmers to silo and store goods in open spaces with minimal time and cost while maintaining quality. Ensuring high-quality forage for animal health is a key priority, and the flexibility of the final product in palletized packaging...

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Shrink Film

Nexis's shrink film is the economical, collective packaging for rational transportation and storage in industry and retail. It is available in transparent or coloured form in film thicknesses from 30µm to 150µm – with and without

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FFS Bag

Three-layer Form-Fill-Seal (FFS) polyethylene film is used for automatic packaging of granular and powdered products. Film thickness, width, layer formulation and surface friction can be specified for the customer's filling and stacking process. The inner surface and outer layer should be validated for bag opening, filling, sealing and pallet stability on the intended...

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PET preforms

10 distinct catalog entries. Review the linked page for detailed content and request the verified product sheet.



Ø28mm PCO1810 Neck

The 28 mm PCO1810 neck finish is used for carbonated beverages and other compatible bottles. Confirm pressure performance, cap fit and line settings for the final package. Multiple preform configurations are available in this neck

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Ø24mm Neck Preforms

The neck specifications and dimensions of this series of preforms have been specifically designed to be compatible with different types of dispensing pumps and closures of the cosmetics and hygienic bottles. Considering the relatively small neck diameter, the bottle volumes of this preform series are usually in the range of 200 to 1000

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Ø28mm detergent Neck

This type of opening has a similar design to the 28 mm opening of the PCO1810 standard in terms of some dimensions, with the difference that the support ring has been removed in the 28 mm opening of detergent to allow the installation of various types of caps such as trigger, pump, etc. for detergent

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Ø28mm Alaska Neck



The 28mm Alaska neck has been designed with the purpose of reducing the overall weight of the preform and the corresponding cap for packaging non-carbonated liquids. This neck standard is similar to the PCO1810 in some key dimensions and is therefore compatible with the blow molding machines and the filling lines of PCO1810 preforms. The reduced weight of the Alaska neck...

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Ø29mm Neck Preforms



The 29/25 opening, known in Iran as the Short Neck preform, is a newer and lighter design than the relatively older and heavier 30/25 opening, which is mainly used in the packaging of mineral and drinking water. Given the low weight of this type of preform neck and bottle cap, this opening is also a good option for packaging other non-carbonated

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Ø30mm Neck Preforms



This neck standard is used in the packaging of non-carbonated products. While this opening is known as a special and relatively older standard for mineral water bottles, it can also be used in the packaging of other non-carbonated products such as milk, fruit juice, etc. and is of good strength and

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Ø37mm Neck Preforms



Due to the design that complies with the general and well-known SP400 standard and the presence of only one continuous thread in the design of this opening, the main application of this neck is mainly in the packaging of products that use special lids. (Such as flip-top lids that have the ability to close quickly and easily) The main use of 37-mouth preforms is in the...

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Ø38mm Neck Preforms



The 38mm 3-thread standard neck, designed by Bericap, is a lighter version of this opening compared to older versions of this type of neck. Due to its very suitable weight and dimensions, as well as the ease of opening and closing the cap, the 38mm 3-thread neck is a very suitable option for packaging still beverages including dairy products, fruit juices, yogurt,

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Ø45mm Neck Preforms



The 45 mm neck family is intended for larger bottles, commonly around 2 to 5 liters, where filling and pouring need a wider opening. Confirm sealing, cap opening force, neck weight and handle compatibility as a complete packaging

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Ø89mm Neck Preforms



The 89 mm wide-mouth neck is used for jars and larger containers. Confirm the matching cap, sealing method and dimensions against the final container and filling

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Caps and handles

5 distinct catalog entries. Review the linked page for detailed content and request the verified product sheet.

Ø89mm Jar Cap



Configuration, dimensions and technical values are confirmed against the current datasheet and the buyer's

Material type: HDPE | Neck finish: 89mm wide-mouth jar (confirm on datasheet) | Product weight: To confirm on datasheet

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Ø45mm Bottle Cap

Configuration, dimensions and technical values are confirmed against the current datasheet and the buyer's

Neck finish: 45mm 3-Start | Product weight: 6 grams

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Alaska Bottle Cap

Configuration, dimensions and technical values are confirmed against the current datasheet and the buyer's

Neck finish: 28mm Alaska | Product weight: 1.8 grams

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Ø45mm Bottle Handle

Configuration, dimensions and technical values are confirmed against the current datasheet and the buyer's

Material type: HDPE | Neck finish: 45mm | Product weight: 6 grams

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Flip-Top Bottle Cap

Configuration, dimensions and technical values are confirmed against the current datasheet and the buyer's

Material type: PP | Neck finish: 37mm SP400 | Product weight: 6 grams

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PET packaging applications

9 distinct catalog entries. Review the linked page for detailed content and request the verified product sheet.



PHARMACEUTICALS

Pharmaceutical and healthcare packaging requires review of material compatibility, cleanliness, dosage, barrier performance and destination-market documentation. Choose container and closure specifications against the actual product and validated

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COSMETICS

Cosmetic packaging combines shelf presentation, convenient use and compatibility with the formulation. Shape, colour, dispensing method and closure should be selected around the product experience and verified through

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PERSONAL CARE

The personal care market encompasses various products that are used to take care of personal hygiene like sunscreen, deodorants, sprays, nail care, shaving, and many more. This industry is driven by various factors like gender-specific demands, technological advancements, changing lifestyle habits, etc. There is a lot of R&D that goes behind every personal care product and...

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DAIRY

Dairy packaging must balance product protection, convenience, distribution and intended shelf life. Review material and closure choices against the filling process, storage conditions and

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FOOD & CONFECTIONERY

Packaging for food and confectionaries is challenging as it encompasses many factors like shelf life, durability, barrier properties, convenience, sustainability, consumer demand along with food safety and legal resolutions. While adhering to all these factors, it is important for the packaging to be attractive at the point of sale as it is a driving factor in consumers'...

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HOME CARE

Home-care packaging needs functional dispensing, safe handling and material compatibility with the cleaning formulation. Check container and closure combinations for leakage, stability and ease of

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OIL & LUBRICANTS

Sturdy packaging and practical utility are two major driving factors for packaging oil and lubricants. We offer packaging solutions with impermeable material, windows that show the level of filled product, easy caps, and

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AGROCHEMICALS

Agrochemical packaging varies by formulation and use. Review container resistance, safe handling, closure integrity and destination-market documentation before commercial

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FMCG

Packaging for fast-moving consumer goods should balance line efficiency, unit cost, product protection and point-of-sale presentation. Select the container and closure for the product, volume and route to

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Polymer raw materials

11 distinct catalog entries. Review the linked page for detailed content and request the verified product sheet.



PE100 PIPE

PE100 pipes are high-density polyethylene pipes engineered for pressure applications such as water and gas distribution. They offer superior strength, chemical resistance, and long service life—often exceeding 50 years. PE100 delivers excellent hydraulic performance, flexibility, and resistance to crack propagation, making it the preferred material for modern infrastructure...

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PE80 PIPE

PE80 is a medium-strength polyethylene grade widely used in water distribution, industrial pipe systems, and medium-pressure applications. Known for its balance of flexibility, durability, and cost-efficiency, PE80 provides reliable performance where high pressure levels of PE100 are not required. This material offers good chemical resistance, lightweight installation, and a...

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HDPE 5110

HDPE 5110 is a high-density polyethylene film-grade material widely used in the production of blown films, industrial packaging, grocery bags, and high-strength thin films. This grade offers excellent processability, good stiffness, high tensile strength, and outstanding environmental stress crack resistance (ESCR). Its balanced mechanical properties make it suitable for both...

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HDPE F7000

HDPE F7000 is a high-density polyethylene film-grade resin widely used in producing thin yet strong blown films. This grade offers excellent processability, superior tensile strength, balanced stiffness, and high puncture resistance—making it suitable for both industrial and consumer packaging applications. F7000 is known for its clean processing, consistent film quality, and...

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HDPE BL3

HDPE BL3 is a high-density polyethylene grade specifically engineered for blow molding applications. It offers excellent rigidity, good environmental stress crack resistance (ESCR), and outstanding processability. BL3 is widely used for producing bottles, containers, jerry cans, and industrial packaging requiring high strength, durability, and consistent blow molding...

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HDPE 518

HDPE 518 is a high-density polyethylene injection molding grade designed for producing strong, rigid, and durable molded components. With excellent dimensional stability and good impact resistance, HDPE 518 is widely used in producing caps and closures, industrial components, household products, and food packaging items. This grade offers smooth flow characteristics suitable...

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LDPE 0035

LDPE 0035 is a low-density polyethylene film grade known for its excellent optical properties, high flexibility, good impact strength, and outstanding processability. It is widely used in blown film applications such as packaging films, bags, liners, agricultural films, and lamination layers. This grade offers low gel content, good gloss, high clarity, and easy extrusion...

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LLDPE LL209

LLDPE LL209 is a linear low-density polyethylene film-grade resin designed for applications requiring excellent toughness, puncture resistance, and flexibility. It offers strong mechanical performance, good sealability, and excellent dart impact strength—making it ideal for both industrial and consumer packaging films. LL209 runs efficiently on blown film extrusion lines and...

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PP 62N07



PP 62N07 is a high-flow polypropylene homopolymer injection molding grade used for producing lightweight, rigid, and durable molded components. It offers excellent stiffness, good impact resistance, and fast cycle times, making it suitable for packaging products, household items, caps and closures, and industrial injection-molded parts. With good thermal stability and chemical...

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PE60 PIPE



PE60 is a medium-strength polyethylene grade used in low- to medium-pressure piping systems including agricultural irrigation, residential water distribution, and light fluid transport. It offers good flexibility, reliable chemical resistance, and a moderate pressure rating. PE60 is widely used due to its balance of toughness, durability, and cost-effectiveness, making it...

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HD3840UA



HD3840UA is a polyethylene grade for rotational molding of large hollow parts such as tanks and industrial containers. Confirm impact performance, processing behaviour and outdoor durability against the actual application and current technical

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