

# polypres

Specialist in processing technical plastics





Polypres Mediterráneo SL, is a company specialized in technical plastics processing company. Our product, pressed sheets of polyethylene and polypropylene, is intended for different markets with three main brands:

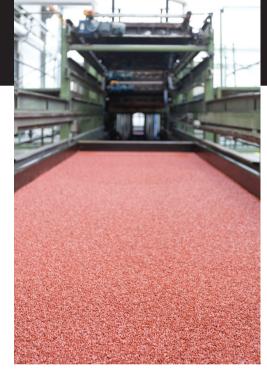




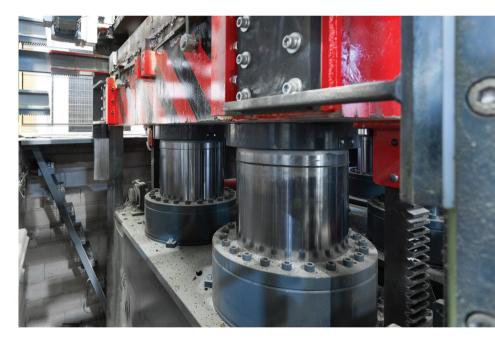


The evolution of engineering plastics and new discoveries for application, allow us to use them in the most diverse work situations. Always conscious in protecting the environment.

Development and innovation of new products to solve the constant requirements in different areas of the industry.







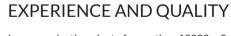


### THE BEST RAW MATERIALS

We use polyethylene and polypropylene, homopolymer and copolymer of high and ultra molecular weight as the base material for our production.

To achieve the technical characteristics required by our customers, we customize our processes, adding the compositions and controlling the procedures.

The different formats, colors and compositions of our polyethylene and  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($ polypropylene sheets are adapted to the specifications requested by our customers.



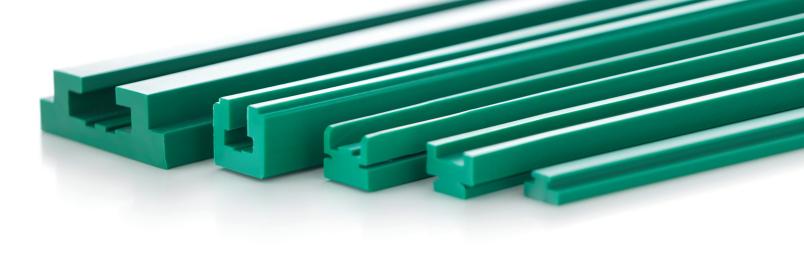
In our production plant of more than 18000 m2, we carry out all our production processes under strict quality control, always following the procedures imposed by ISO 9001.

Polypres is an exporting company, customer-orientated, constantly evolving and able to adapt to changing market conditions.

With over 20 years of production, Polypres has positioned itself as one of the leading companies in the sector, improving the processing of technical plastics.







# **POLYTEC**Versatile and reliable

polypres

POLYTEC 500 HMW AT (antistatic) is a pressed high density, high molecular weight polyethylene used to obtain anti-static behavior. Stiffness, resistant to environmental and chemical tensile, mechanical damping capacity with abrasion resistance and low moisture absorption are the outstanding characteristics of this product, which can also be welded. It is a perfect substitute for non-ferrous metals such as copper, brass, bronze, aluminum. In addition, it is an economical alternative to the POLYTEC 1000 UHMW AT. POLYTEC 500 HMW AT is suitable for the chemical, mechanical and food industry.

Our products POLYTEC, due to its excellent technical properties, is suitable for a multitude of applications, and because of its easy machining and performance it is an **excellent substitute for non-ferrous** metals such as copper, brass, bronze and aluminum, in endless varieties of **precision machined parts**.



POLYTEC 1000 UHMW

POLYTEC 500 HMW AT

Sinterpressed polyethylene of high density and ultra high molecular weight. Directed mainly to applications with great mechanical, chemical and thermal requirements. The main characteristics of this product are: Rigidity. Mechanical damping capacity. Minimum coefficient of friction. Excellent mechanical resistance. Excellent impact resistance. Good resistance to chemicals. Excellent resistance to abrasion. Resistance to very low temperatures. Very low absorption of moisture. Good sliding capacities. No electrical conductivity. Recyclable 100%.

POLYTEC 1000 UHMW AT

POLYTEC 1000 UHMW AT is pressed polyethylene of ultra high molecular weight (PE-UHMW) with an antistatic additive, provides electrostatic dissipative qualities that often require components that operate on lines (bottling plants, petrochemicals, refineries, etc.) without changing the base product (POLYTEC 1000 UHMW).



POLYFLON

POLYFLON is pressed polyethylene with an ultra high molecular weight (PE-UHMW) for use in applications requiring temperature conditions above  $120\,^{\circ}$  C. The used additives give a slow degradation of the material and an extension of the useful life of the product under extreme temperature conditions. In addition, its excellent dimensional stability is a very useful contribution when machining parts that require high precision. Especially suitable for the food industry and canning industry.

**POLYGLASS** 

POLYGLASS is an ultra-high molecular weight polyethylene (PE-UHMW), made with glass microspheres, developed specifically for contact areas with very high abrasion and wear. In addition, its excellent dimensional stability is very useful when machining parts that require great precision. This product is especially intended for the paper and ceramic industry.

POLYMoS2

POLYMoS2 is an ultra high molecular weight (PE-UHMW) pressed polyethylene with Molybdenum Bisulfide (MoS2) which offers a very good coefficient of friction and remarkably improves abrasion resistance, giving it a very good sliding capacity. This product is specially designed for sliding ramp applications for the Aero/Port industry.

POLYTEC M.DET

The food safety regulations that regulate the procedures for handling human consumption products in the event of contamination, are becoming more demanding. That is why we have developed POLYTEC M.DET, an ultra high molecular weight pressed polyethylene, which in addition to the excellent properties of our POLYTEC 1000 UHMW, has the particularity of being detected by the metal detector and X-ray detector. This product is especially suitable for applications in machinery for the food industry, pharmaceutical and packaging in general.

POLYTEC SLD

Our POLYTEC SLD is an ultra high molecular weight polyethylene with a self-lubricating additive with an excellent coefficient of slip, very resistant to abrasion and a very low index of friction. It is a product of very high performance and prolonged life. Being highly slippery, it prevents the possible generation of dust by wear and its premature consumption, which results in significant energy savings as well as the replacement of parts. The POLYTEC SLD is especially recommended in the field of mechanical transmission, such as guides and sliding curves of transport chains in high speed packaging lines.

POLYTEC 500 HMW

High density and high molecular weight sinterpressed polyethylene. It is primarily aimed for the chemical, mechanical and food industry. The main characteristics of this product are:

Stiffness. Mechanical damping capacity. Good mechanical resistance. Good impact resistance. Good resistance to chemicals. Good resistance to abrasion. Resistance to very low temperatures. Very low absorption of moisture.

Good sliding capacities. Weld ability. No electrical conductivity. Recyclable 100%.

 $^{*}$  For less rigorous wear applications, it is an economical alternative to the POLYTEC 1000 UHMW..

POLYTEC 500 HMW UV

POLYTEC 500 HMW UV is a high density, high molecular weight pressed polyethylene with low moisture absorption. This material incorporates, in addition to the characteristics of our POLYTEC 500 HMW, a series of additives that provide a great absorption of ultraviolet light, in addition to antioxidants that protect against thermal degradation. It also has excellent crack resistance in the active environment (ESCR). It is an optimal product for use, for example, in street furniture, playgrounds, outdoor decoration, facades, etc..

### POLYTEC PP

Our POLYTEC PP is a pressed polypropylene homopolymer very resistant to contact with chemical agents, corrosion and microorganisms. Its range of working temperature is very wide which prevents its easy deformation and in turn acts as a temperature insulation. Its semi-crystalline structure provides a good balance between rigidity and hardness, giving it excellent properties for applications in the field of manufacturing orthopedic insoles as well as in the industrial cutting machinery sector. It is a recommended product for the chemical, pharmaceutical and orthopedic industry..

#### POLYTEC PP-GF

POLYTEC PP-GF is a pressed polypropylene homopolymer, chemically reinforced with glass fiber. It has a very high rigidity, maintaining a very good impact resistance over a wide temperature range and a very good behavior against deformation and contraction. It is a product especially recommended in the galvanotechnics sector.

#### POLYTEC PPC

POLYTEC PPC is a Polypropylene copolymer with a formulation reinforced with a percentage of ethylene in the polymerization. This feature gives you more flexibility with respect to POLYTEC PP, but at the same time its impact resistance is much greater. Its crystalline structure gives it a high rigidity and very high resistance to tensile stresses especially at very low temperatures. This product is especially recommended for applications for the manufacture of press filters intended for example to the mining industry.

#### POLYPOM-C

POLYPOM-C is a semi-crystalline thermoplastic with high performance, high hardness and excellent mechanical resistance. In addition to its own characteristics (high resistance to abrasion and especially low temperatures, low coefficient of friction and moisture absorption), being PRESSED acquires excellent planimetry and great dimensional stability, with excellent results in high-precision machined parts.

#### **POLYTRACK**

Our POLYTRACK is a sinterpressed polyethylene of high molecular weight and high density, with an engraved surfaces with raised structures and rough finish. This product is born from the idea of applying polyethylene in new technologies related to the temporary protection of surfaces for pedestrian traffic and vehicles in order to avoid environmental damage in patrimonial or ecologically sensitive areas, or as a mere transit circuit or temporary access. The properties of polyethylene, such as excellent mechanical damping and resistance to flexion and traction, are vital to ensure the transit of heavy machinery (heavy tonnage cranes, trucks) without damaging the product.

#### POLYTEC 500 REG

As a commitment to environmental protection policies, our POLYTEC 500 REG. Is a high molecular weight polyethylene pressed from the recovery of 100% of our surplus (cuttings, chips) and recycled in our own production plant. For its properties, it is an economical alternative to our POLYTEC 500 HMW for applications with less mechanical demands. The POLYTEC 500 REG. Is especially recommended for its characteristics for use in the mechanical sector, port industry, crane stands and for the industry in general.

#### POLYTEC 1000 REG

From the recovery of 100% of our surplus production of polyethylene of very high molecular weight and a very careful selection of the same in our recycling plant, we obtain the POLYTEC 1000 REG. Due to its characteristics and its low cost, it is a very good alternative to our POLYTEC 1000 UHMW. Its use is indicated in the most diverse fields, for example in the mechanical and automotive industry, in the airport industry, mining, lining of trucks and hoppers, etc.





## Colors

Natural	$\bigcirc$	Pistachio green	
Optik white	$\circ$	Grey - RAL 7040	
Zinc Yellow - RAL 1018		Green - RAL 6024	
Light blue - RAL 5012		Traffic red - RAL 3020	
Brownred - RAL 3020		Black	
and an extensive range of colors			

## Formats

	Thickness 8 / 150* mm	
3000 x 2000 2000 x 1000 3000 x 1000	<b>4000 x 1220</b> 2000 x 1220	4100 x 2000 2000 x 1000 2050 x 1000 4100 x 1000

<sup>\*</sup> Maximum thickness to be determined according to type of material and format

## Qualities

Abrasion resistance	<b>~</b>	Very low moisture absorption	<b>~</b>
Good resistance to chemicals	<b>~</b>	Buffer capacity	<b>~</b>
Resistance at very low temperatures	<b>~</b>	Good sliding properties	<b>~</b>
Weldability	<b>~</b>	Easy machined	<b>~</b>
No electrical conductivity	<b>~</b>	Recyclable 100%	<b>~</b>
Good mechanical resistance	<b>~</b>	Good impact resistance	<b>~</b>
Rigidity	<b>~</b>		



## **POLYFORT**

# Stiffness and hardness for industrial cutting

Our POLYFORT is a sinterpressed homopolymer polypropylene which, due to its high resilience and excellent impact resistance, has been designed to serve as **a support base** (cepos, suajes) for die **cutting machines for leather**, **footwear**, **textiles** and for all types of **industrial cutting machinery in general**.





Its crystalline structure provides a good balance between rigidity, planimetry, resistance to impacts and contact with chemicals. Depending on the type of product to be die cut, polypropylene is present in different hardness values.

Depending on the type of product to be die cut, polypropylene is present in different hardness values. We have an extensive variety of measures and thicknesses that cover all the needs of the market, as well as the possibility of providing the cutting pads to customer demand.

Our POLYFORT press plates are subjected to exhaustive controls with the latest technology to ensure the quality of the final product, which is attested by the customers we supply around the world.



## Colors

Natural	Confetti multicolour	
Grey - RAL 7040	Green - RAL 6024	
Brownred - RAL 3020	Black	
(*) other colors: on request		

## Formats

Thickness 8 / 80 mm	
900 x 450	
1000 x 500	
1200 x 500	
1600 x 500	
2000 x 500	

<sup>\*</sup> Other format / thickness please consult us

## Qualities

Abrasion resistance	<b>~</b>	Good resistance to chemicals	<b>~</b>
Hardness	<b>~</b>	Planimetry	<b>~</b>
Elastic recovery	<b>~</b>	Good impact resistance	<b>~</b>
Good mechanical resistance	<b>~</b>	Rigidity	<b>~</b>



# **POLYMAR**

## Reliability and guarantee for food contact

Our POLYMAR is a **high density** and **high molecular weight** pressed polyethylene which, due to its excellent behavior whilst in contact with food, has been conceived for developments in the meat, catering and food industry in general in applications such as:



- Cutting boards for the household.
- Cutting blocks/tables for the meat processing industry: cutting rooms, butchers, fishmongers, supermarkets, large surfaces etc.
- Instruments and accessories for industrial kitchens.
- Doors and protection panels for cold chambers.
- Trays for canning.
- Industrial impact protection and Industrial protections panels.

It is a product that has an excellent resistance to impact and also, due to its extremely low moisture absorption coefficient, its resistance to chemical agents and its good behavior to changes in temperature, makes cleaning very easy even in a dishwasher.



It is approved by the health authority (D.G.S.) for food use (RD 319/1984). It meets all the regulations adopted for plastic materials with food contact, including the FDA (Food and Drug Administration) for contact with foods, described in the CFR (Code of Federal Regulations) Title 21, section 177.1520 (c) and the requirements defined by the directives of the EEC (European Community) on plastic materials for contact with food, Directive 2002/72 / EC of 6th August 2002 and its updates.

We also have all the certifications currently required:

- · Our number assigned by the Spanish Agency for Food Safety and Nutrition in the General Sanitary Registry for Food and Food Companies, pursuant to Royal Decree 191/2011 of the Ministry of Health, Social Policy and Equality, is the RGSEAA 39.005215 / V
- $\cdot \, \mathsf{Global} \, \mathsf{migration} \, \mathsf{test} \, \mathsf{according} \, \mathsf{to} \, \, \mathsf{UNE}\text{-}\mathsf{EN} \, \mathsf{1186}, \mathsf{granted} \, \mathsf{by} \, \mathsf{AIMPLAS} \, \mathsf{(Instituto} \, \mathsf{Tecnológico} \, \mathsf{del} \, \mathsf{d$ Plástico): REPORT AT.0764 / 13





## Colors



Zinc Yellow - RAL 1018	
Marble natural-black	•
Light blue - RAL 5012	
Traffic red - RAL 3020	
Orange - RAL 2003	
Salt & Pepper	

## Formats

We have a variety of sizes, formats and thicknesses to meet all market needs. POLYPRES also offers the possibility of adapting to the surfaces requested by the customer, such as:

- · Beveled, brushed, rounded edges, etc.
- · Canal and well collects juices
- · Non-skid stops or studs
- · Shrink film
- · Surface advertising engraving
- · Identification labels or EAN code (barcode)
- · Machining and special finishes

## Qualities



## **APPLICATIONS**

## pressed sheets of polyethylene and polypropylene

Our polyethylene and polypropylene press plates are recommended to solve the most demanding working conditions in general industry applications.

#### **FOOTWEAR AND TEXTILE INDUSTRY**

Impact resistance and high load capacity are essential properties for applications of our products in this area.

The great advantages of polypropylene make it suitable for use in all types of machines related to cutting and industrial punching (stamping, storing, vacuuming) and as a basis for manual cutting.

POLYFORT Natural

RECOMMENDED PRODUCTS

#### MECHANICAL ENGINEERING AND AUTOMOTIVE INDUSTRY

Polypres products are an excellent alternative in terms of price and durability, and they can replace non-ferrous metals such as aluminium, copper, brass, etc.



#### CONTAINER AND PACKAGING INDUSTRY

Our most outstanding products can be used in all kinds of pieces related to machinery designated for packaging, such as: hinge chain guides, sliding curves, railings, profiles and distribution stars. Their properties: resistance to wear and impact abrasion, very low coefficient of moisture absorption, self-lubrication and mechanical damping capacity, position them as state-of-the-art products with very high performance in this sector.



#### MECHANICAL TRANSMISSION

Our products are a very good alternative to replace non-ferrous metals (copper, lead, nickel, zinc, brass and aluminum) and many pieces can be made such as: pulleys, pinions, crowns, gears, wheels, zippers joints, keys, augers, distribution stars, etc.



#### **GUIDES AND SUPPORTS FOR RACKS AND CONTAINERS** FOR THE AUTOMOTIVE INDUSTRY

The development of the automotive sector requires constant innovation to facilitate the transport of car parts and accessories for the car. Our products, as a basic piece in the shelves and containers of auto parts, in the form of serrated racks, handles, columns, components and mechanized profiles, guarantee protection and protection of the transported parts.



#### PROTECTIVE DEVICES FOR INDUSTRY

The shock resistance also allows us to use this product to protect walls and baseboards in areas of intensive traffic of machinery, which translates in the short term into a significant reduction of costs by maintenance of damaged areas.



The use of high strength materials such as our polyethylene allows us to apply it in the construction and public works sector, as a support base for stabilizers for cranes and heavy tonnage cranes. Its safety guarantee due to its high flexural strength at break and its almost null moisture absorption index, gives this article a very long service life.



#### FLOOR PROTECTION MATS FOR CONSTRUCTION VEHICLES / MACHINES

The high resistance to pressure and wear of our polyethylene sheets, as well as its low cost, make it an excellent alternative to protect soft or sensitive surfaces where they need to be driven over without damaging them. They thus fulfill the function of portable roads or reusable protective mats in various work areas. The rough surface (relief) of our panels prevents slipping in the wet and provides a good grip in severe weather conditions. The anchoring system designed as a connection between the panels is very simple, which makes its installation agile and fast.



#### SOUNDPROOFING PLATES IN THE RAILWAY INDUSTRY

One of the outstanding features of our products is the ability to use them as sound insulation. In this case, they are used for noise insulation between the tracks and the base concrete. Thus, the resulting noise that arises on the tracks is significantly reduced.



POLYTEC 500 HMW POLYTEC 500 HMW AT POLYTEC 1000 UHMW POLYTEC 1000 UHMW AT POLYGLASS POLYMoS2 POLYTEC M.DET POLYTEC SLD POLYTEC 500 REG POLYTEC 1000 REG POLYPOM-C



POLYTEC 500 HMW POLYTEC 500 HMW AT POLYTEC 1000 UHMW POLYTEC 1000 UHMW AT POLYGLASS POLYMoS2 POLYTEC SLD POLYTEC 500 REG POLYTEC 1000 REG POLYPOM-C



POLYTEC 500 HMW POLYTEC 1000 UHMW POLYTEC 500 REG POLYTEC 1000 REG





POLYTEC 500 HMW POLYTEC 500 REG



POLYTEC 500 HMW POLYTEC 1000 UHMW POLYTEC 500 REG POLYTEC 1000 REG



POLYTEC 1000 REG

#### MINING INDUSTRY, CHEMICAL AND PHARMACEUTICAL INDUSTRY

The requirements which the materials are subjected in this sector require the highest product qualities, such as those Polypres offers.



#### COATINGS FOR STORAGE TANKS FOR SOLID MATERIALS

In this application, our products provide a very high resistance to abrasion and an excellent sliding coefficient. Due to its hygiene and ease of cleaning, its application is optimal in container silos of food products (cereals, flours, etc.) and in coatings of canal systems for both liquid and solid transport.



#### PLASTIC BOILER

The continuous evolution and innovation in the development of new applications of thermoplastics, among them polyethylene and polypropylene, have made them one of the main products that are used in the boiler industry (pressure pipes, suction installations, fabriacation of deposits, reactors, decanters, water treatments, etc.). You have great advantages: chemical and mechanical resistance, impermeability to both moisture and gases, very resistant to abrasion and friction, non-stick, hygienic, corrosion resistant and easy to weld.



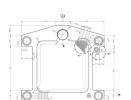
#### COATINGS FOR TRANSPORTING VEHICLES FOR BULK MATERIALS

Trucks intended for loading and transporting solids and bulk materials, both in the mining and agricultural sectors, as well as in public works and in the construction industry, are subject to constant and severe abrasion of the materials to be transported. For this reason we recommend the use of our products because they have a high abrasion and wear resistance. So they are suitable for the protection of trucks and at the same time facilitate their unloading by their sliding properties.



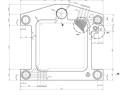
#### TANKS FOR STORAGE OF CHEMICAL PRODUCTS

Due to the very good behavior of our materials in contact with chemicals, our products are very well suited for the production of deposits of all kinds or their lining (tanks, rafts, containers, packaging) that come into contact with corrosive products. They are also an important element in tanks for electrolysis baths, chrome-plated, nickel-plated, galvanized, glued, galvanized etc.



#### FILTER PLATES FOR THE MINING SECTOR

Our pressed sheets of POLYTEC PPC, polypropylene copolymer are highly recommended for manufacturing filter plates for high pressure filters, especially for the mining industry. Its outstanding properties are stiffness and very high tensile strength, even at low temperatures.



#### **ORTHOPEDICS**

The development and innovation of technologies for new applications of technical plastics for example in the health sector has allowed us to discover that POLYTEC PP is the most suitable material to be used for the manufacture of orthopedic insoles. Resilience, rigidity, stability and high durability, added to its ease to be machined are the most outstanding properties of this product.



#### COATINGS IN LABORATORIES AND PUBLIC HEALTH SECTOR

Our plastics, because they are antibacterial, hygienic and very easy to clean, are highly recommended to be used as a coating in the health sector, such as in laboratories or environments that must remain isolated from harmful agents and contaminants





POLYTEC 500 HMW POLYTEC 500 HMW AT POLYTEC 1000 UHMW



POLYTEC 500 HMW POLYTEC PP NATURAI POLYTEC PP COLOR



POLYTEC 500 HMW





POLYTEC PPC



POLYTEC PP NATURAL POLYTEC PP COLOR



POLYTEC 500 HMW

#### FOOD INDUSTRY AND MEAT PROCESSING INDUSTRY

Our products have all regulations worldwide needed for use in contact with food.



#### CUTTING BOARDS FOR HOTEL, CATERING AND HOUSEHOLD

Polyethylene is the most appropriate material for use as a cutting base both in the field of restaurants and for everyday use at home.



#### **CUTTING PLANTS/ SLAUGHTER HOUSES**

The high durability of polyethylene means we can use it as a cutting table (board, fiber, pylon, supplies, pit) in large cutting rooms / slaughterhouses. They are also suitable for filleting.



#### DOORS FOR COLD CHAMBERS

Every day polyethylene is used for the manufacture of doors for cold rooms thanks to its stability, planimetry and good behavior due to temperature changes. In addition, its very low moisture absorption coefficient facilitates its cleaning and durability.



#### PROTECTIVE CLADDING AND COVERINGS

Our plastics are very suitable to be used as wall coverings and protections and baseboards in cutting rooms and large surfaces, where above all a product that is highly resistant to shocks and impacts of cars and trucks and that is also hygienic is required and easy to clean.



#### TRAYS FOR CANNING INDUSTRY

Due to its resistance to temperatures and its rigidity, polypropylene is a material widely used in the canning sector for the production of trays for autoclave ovens.



#### INDUSTRIAL KITCHENS INSTALLATIONS

The great boom in the hospitality sector evidenced in recent years, leads us to use high-performance products that comply with current regulations on food safety.



#### KITCHEN ACCESSORIES

Kneaders, ham holders, mortars, kitchen hammers, pastry shovels and spatulas, pizza trays, table scrapers, knife handles and knife holders, skewer molds and a wide range of products that must be in contact with food. They can create using our polyethylenes.



#### URBAN FURNITURE, LEISURE AND SPORT

The wide range of available colors awaken our imagination to create the most funny playground equipment for children. And thanks to a treatment with additives that gives a large sliding coefficient to our sheets, they can be used for synthetic ice rinks



POLYTEC 500 HMW

POLYTEC 500 HMW

POLYTEC PP NATURAL

POLYTEC PP COLOR

POLYTEC PP NATURAL



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#### PLAYGROUND EQUIPMENT

The excellent behavior of polyethylene against climatic changes makes it very suitable for different applications in this sector.



POLYTEC 500 HMW POLYTEC 500 HMW UV

RECOMMENDED PRODUCTS

## POLYTEC 500 HMW POLYTEC 1000 UHMW FOLYTEC 1000 UHMW POLYTEC 1000 UHMW FENCES AND ELEMENTS FOR SEPARATIONS Our polyethylene is suitable for this type of applications of applic

Our polyethylene is suitable for this type of applications due to its rigidity, impact resistance and durability.



POLYTEC 500 HMW POLYTEC 500 HMW UV POLYTEC 500 REG

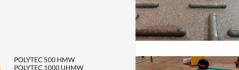
# POLYMAR

#### SURFACE PROTECTION FOR SPORTS AND LEISURE EVENTS

The compressive and wear resistance of our polyethylene, added to its low cost, makes it an excellent alternative to protect soft or delicate surfaces of sports or leisure fields for events or for your own maintenance. The surface of our plates has raised embossments and a rough finish that prevent landslides and possible falls even with the wet surface. The anchoring system designed as a joint between the plates is very simple, which makes its assembly agile and fast.



POLYTRAC



#### SPORT FACILITIES

The versatility of our polyethylene is the fundamental factor so that it can be used in different applications in the field of sport, such as as a sliding base on curling tracks.



POLYTEC 500 HMW POLYTEC 500 HMW UV



#### SYNTHETIC ICE RIN

The large sliding coefficient and its durability, allows our polyethylene to be suitable for use on skating rinks replacing natural ice, thus obtaining a very significant energy saving.



POLYTEC 500 HMW POLYTEC 500 HMW UV



POLYTEC 500 HMW



POLYMAR





POLYTEC 500 HMW POLYTEC 1000 UHMW



### PAPER INDUSTRY

Our product Polyglass provides excellent abrasion resistance in applications where there is a high rate of slippage and wear.



#### **SLIDING PLATES**

In this case we recommend our POLYGLASS. This product is obtained through a compound of the highest molecular weight UHMW PE reinforced with a load of micro glass spheres, which gives it a very high wear resistance to load friction and severe abrasion by high speed, prolonging its useful life. Other areas where we advise the use of POLYGLASS are in the wood and agricultural industry.

RECOMMENDED PRODUCTS



OLYGLASS

### PORT AND SHIPPING INDUSTRY

Thanks to its high impact resistance and excellent resistance against temperature and weater, our products are ideal for harbour protection and for the Fender Industry



#### HARBOR PROTECTION AND FOR THE FENDER INDUSTRY

The most relevant properties of our polyethylenes, such as solidity, stability and impact resistance, their very low moisture absorption coefficient and minimum wear, make them ideal to be used as protection for the metallic steel shields that are part of Port defenses in the berthing and mooring areas of ships.

RECOMMENDED PRODUCTS



POLYTEC 500 HMW
POLYTEC 500 HMW UV
POLYTEC 1000 UHMW
POLYTEC 500 REG
POLYTEC 1000 REG

MORE INFORMATION IN

www. polypres.com

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