DESCRIPCIÓN DE PRODUCTOS SACOS AGROINDUSTRIALES ACTUALIZADO A MAYO 2015 INGLÉS

A) CATEGORÍAS DE PRODUCTOS:

1. Polypropylene Flexible Packaging	2 . Polypropylene Flexible Bulk Packaging	3. Polyethylene Flexible Packaging
4. Plastics for Agriculture	5. Rigid containers	6. Injected products
7. Natural Fiber Packaging	8. Plastic Fibers	9.Enclosure

B) DESCRIPCIÓN POR CATEGORÍA DE PRODUCTOS:

1. POLYPROPYLENE FLEXIBLE PACKAGING

Tubular polypropylene woven bags, used for purposes of packaging, storage and protection of variety of products.

Characteristics and benefits:

- High durability
- Resistance to moisture
- Food Safety packaging
- Variety of sizes and colors
- Facility for the storing and preserving of products
- Variety of uses
- Easy to transport and stowage
- Printing and design option

LISTADO DE PRODUCTOS: Woven sack, laminated sack, leno bag, flat bottom sack, valve sack, BOPP sack, Jutex Sack

• Woven Sack:

Sack traditionally used to pack, collect and store various products for the agricultural and industrial sector.	
USE APPLICATIONS • Balanced Foods • Fertilizers • Flours • Salt	CHARACTERISTICS AND BENEFITS Resistant Economic Availability of colors Variety of sizes

Sugar	Versatile
Grains	Recyclable
Other	

Laminated Sack

Unlike traditional woven bag, the laminated sack is used in industries with products that require a greater protection from pollutants and environmental factors. A film on the outside of the fabric is adhered for a better protection of the packaged product and also to provide a better impression of the sack.

USE APPLICATIONS Balanced Food 	CHARACTERISTICS AND BENEFITS High quality printing
Fertilizers	 Resistant
Chemicals	Long term storage
 Soil Amendments 	 Option micro perforation
• Sugar	 Availability of colors
 Frozen Meat 	 Variety of sizes
Other	Recyclable

• Leno Bag

Traditionally used for the packaging and transport of various vegetables and fruits. The design of the tissue allows the oxygenation in order to extend the lifetime of the products.

USE APPLICATIONS Potatoes Onions Carrots Cucumbers Peppers and jalapeños Oranges 	 CHARACTERISTICS AND BENEFITS Long term storage Excellent ventilation Availability of colors according to the usage of the bag Accurate measurements for each product
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 Lemons 	 Recyclable
Other	

• Flat Bottom Sack

It is the best option for technologically advanced industries because of the advantages and benefits offered in the filling lines, as its name implies it has a flat bottom for the easy stowage and display on shelves.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
Flours	Printing in bottoms that allow the
 Balanced Food 	easy identification and storage
 Construction Aggregates 	in shelf
Chemicals	Long term storage
 Soil Amendments 	

• Sugar • Other	 Allows a better stowage and the better use of warehouse space More impermeability Reduce of leaks due to heat sealing system Micro perforation option Variety of sizes Recyclable
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Valve Sack

Sack for a specialized packaging that is used in different industries with automated filling lines by valve		
USE APPLICATIONS Cement Construction Aggregates Construction adhesives Lime dust Plastic resins Carbonates Flours Other 	 CHARACTERISTICS AND BENEFITS Better conservation of products High impermeability High Resistance Increased efficiency in packaging lines Micro perforation options Variety of sizes Recyclable 	

• BOPP Sack

Packaging with a high barrier protection against moisture and contaminants, designed for those specialized products or brands that require a very attractive image for the final consumer, since the design allows a high resolution printing or photographic images.

USE APPLICATIONS • Pet Foods • Rice • Specialized Products	CHARACTERISTICS AND BENEFITS Photo Printing Sharpness in picture Long term storage Availability of colors
	Availability of colors
	Variety of sizesRecyclable

Jutex Sack

Sack mainly used for packing coffee beans, made from jute fiber and polypropylene yarns that allows to have a better preservation of the smell and properties of the product

USE APPLICATIONS

Export of coffeeStorage of coffee	 Best print quality Odorless Variety of sizes Allows airflow Lightweight and waterproof
	 High Resistance Easy transport and stowage Recyclable

Other polypropylene products

- Polypropylene fabrics
- Curtains for chicken coops
- Covers pallets
- Promotional Bags
- Other

2. POLYPROPYLENE FLEXIBLE BULK PACKAGING: (Súper Sacos o Jumbo Bags).

Packaging designed for the handling of large volume of products, with a storage capacity from 500 to 1.500 kg per package.

Characteristics and benefits:

- Efficiency in the loading and unloading of large volume of products
- Reduces the time and costs of labor force
- Food Safety packaging
- Different designs according to customer needs
- Reusable
- Recyclable products

Listado de productos: Jumbos, Slings, Jumbo pallet

• Jumbos:

Known also as Big Bag or FIBC's, which consist of several parts that are assembled and sewn according to the needs of each client		
USE APPLICATIONS Sugar Fertilizer Flours Balanced foods Cement 	 CHARACTERISTICS AND BENEFITS Diversity of sizes and colors Efficiency in loading and unloading large volumes Reduce time and cost of labor Recyclable 	

•	Lime dust	
•	Other	

Slings

Commonly known as harness, since they are formed of several straps which are able to withstand large loads. They are used for the stowage and loading of bagged goods, between 1 and 2 tons, so the design is tailored to the size and needs of each client.

USE APPLICATIONS Sugar Cement 	 CHARACTERISTICS AND BENEFITS Efficiency in the management of transfer and storage of products
Fertilizer	in sacks
Other	Reduced time and cost of labor
	 Different designs according to the needs of each client
	 Versatile
	 Recyclable

Jumbo Pallet

Jumbo Pallets are canvases of polypropylene fabric designed for the storage and stowed of series of products that require special handling and protection in order to fulfill food safety and health standards. **USE APPLICATIONS** CHARACTERISTICS AND BENEFITS • Stacking Efficiency in the management of • Cover for products transfer and storage of series of Substitute for pallets products Food Safety product Different designs according to the needs of each client Versatile Recyclable

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3. POLYETHYLENE FLEXIBLE PACKAGING

Versatile polyethylene packaging for the use in agribusiness and trade.

Characteristics and benefits

- Food Safety Packaging
- Different designs according to customer needs
- Recyclable Products

List of products: plastic bags, liners, Coils for FFS Packaging, Coils for shrink packaging,

Coils for shrink packaging

Coils of polyethylene film with shrink properties, that with the application of heat are used for the packaging of products and packages	
USE APPLICATIONS • Bottled drinks • Flours • Canned • Other	 CHARACTERISTICS AND BENEFITS Resistant Different sizes and thicknesses Optical Properties Dimensional stability Accuracy in thickness Recyclable

• Liners

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Polyethylene bags used as a secondary po that require a double protection against n USE APPLICATIONS • Fertilizers • Sugar • Balanced Food • Grains • Other	 noisture or environmental factors CHARACTERISTICS AND BENEFITS Resistant Available in high and low density One color print Variety of colors and sizes 	
• Other	·	

• Coils for FFS Packaging

Polyethylene film coils mono and coextruded used for the automated packing of products. It may be primary and/or secondary packaging		
USE APPLICATIONS • Flours • Salt • Sugar • Grains • Other	 CHARACTERISTICS AND BENEFITS Resistant Variety of sizes and thicknesses Accuracy in thickness Optical Properties Moisture Barrier 	

	• Re	andard Printing ecyclable imensional stability	

• Plastic bags

Bags of mono and co-extruded polyethylene film for the packing or storage of different products.		
USE APPLICATIONS • Flours • Salt • Sugar • Grains • Other	 CHARACTERISTICS AND BENEFITS Resistant Variety of sizes and thicknesses Option to ziploc closure Grab in bag option Accuracy in thickness Optical Properties Moisture Barrier Standard Printing Recyclable 	

4. PLASTICS FOR AGRICULTURE

With the increasing trend of the use of plastics in agriculture, we have developed a specialized product line as a solution for farmers to improve their results in the crop production.

Characteristics and benefits:

- Saving of water in crops
- Maximizing the crop planting in the ground
- Reduced use of fertilizers and pesticides
- Lower costs of labor force
- Recyclable products
- Variety of sizes and colors
- Variety of uses

LISTADO DE PRODUCTOS: Plastic Mulch, Nonwoven fabric, Grow bags, Shade cloth fabric

Plastic Mulch

Polyethylene film coils used to be placed over the seed furrow in order to improve the productivity and quality of the crops in open fields or in controlled environments.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Melon Watermelon Pumpkins Tomatoes Peppers Pineapple Strawberry French Green Beans Peas Zucchini Cucumber Other 	 With a proper use of plastic mulch the crop results can improve Sunlight benefits increase Allows more photosynthesis Optimum moisture for crop growth is maintained High tensile strength The presence of weeds is reduced

• Nonwoven fabric

The use of nonwoven polypropylene fabric in agriculture allows the optimization of productivity in crops, ornamental plantations and production in controlled environments, as the protective properties of the film allow a reduction in the use of pesticides and the labor force to be decreased, which increases the performance and improves the quality of the crops.		
 USE APPLICATIONS Blankets for protection against insects and natural enemies Greenhouse fabrics (micro and macro tunnels) Shading of crops Bags for root protection Protection against frost and damages of crops under extreme cold conditions Cases for harvesting fruits, especially for banana cultivation 	 CHARACTERISTICS AND BENEFITS High permeability to water and oxygen in crops Durability, elasticity and resistance Resistance to degradation by ultraviolet rays Insect protection Protection against inclement weather Reduces the use of pesticides and herbicides Fabrics can be reused up to two harvests if properly handled Cost savings for the farmer in comparison to the use of other materials for crop protection 	

• Grow bags

They are usually black colored plastic bags that are used for the formation of seedlings and plant nurseries of different types of products during the first stage of growth.			
USE APPLICATIONS • Coffee • Fruit Trees • Floral Trees • Vegetables • Other	 CHARACTERISTICS AND BENEFITS Variety of measures Resistant They are expandable and can include stamps Recyclable 		

• Shade cloth fabric

Black mesh that is used primarily as sun protection, as it provides shade and allows the room temperature to be mitigated. Ideal for planting crops, working areas and parking areas		
USE APPLICATIONS Shading Falling object protection Acts as a windbreaker Other 	 CHARACTERISTICS AND BENEFITS UV filter Recyclable Reduces temperature Reflects sun radiation during the day Reparable Resistant to outdoor conditions 	

5. RIGID CONTAINERS

We manufacture packaging of HDPE and PET blow molding containers, as solutions for packaging and storing products for agribusiness and trade

Characteristics and benefits:

- Customized products according to the needs of each client
- Increased shelf life of the products is allowed
- Food Safety packaging
- Recyclable products

• Embossed option

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LISTADO DE PRODUCTOS: Polyethylene Containers, PET bottles

,	Polyethylene Containers	
	Containers made of high density polyethy	lene with high molecular weight, which
	are mainly used for agribusiness	
	USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
	 Agrochemicals Specialty Chemicals Detergents Liquids in general Powders or pills 	 Variety of colors and sizes Long term storage of products Easy handling of inventory turnover Recyclable

• PET bottles

PET bottles are a packaging solution of high strength lightweight and crystallinity for the conservation of various products like water, food oils, carbonated drinks and juices

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Carbonated Water Pure Bottled Water Food oils Liquids in general Powders or pills 	 Long term storage of products Easy handling of inventory turnover Recyclable Variety of forms according to the needs of each client

6. INJECTED PRODUCTS

We manufacture customized products based on high density polyethylene plastic to meet the different market needs

Characteristics and benefits:

- High durability
- Customized products according to the needs of each client
- Food Safety products
- Recyclable products
- Embossed Option

LISTADO DE PRODUCTOS: Covers, Security marking, Pizza box separator, Plastic pallets

• Covers

Covers and caps of different types and sizes for the pharmaceutical, food and beverage industries

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Twist caps 	 Variety of colors and sizes
Flip-down cover	 Easy handling of inventory
Security caps	turnover
Covers with and without liner	Recyclable
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• Security markings

Plastic security markings facilitate the closure and control in processes where security is an important factor

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Sealing of plastic bags 	Easy to use
Wiring control	Recyclable
Other	 Versatility of sizes according to
	the needs of each client

• Pizza box separator

Accessory designed to keep intact the space between the pizza and the box cover, in situations where the box could come into contact with the product	
USE APPLICATIONSPizza box separator	 CHARACTERISTICS AND BENEFITS Variety of colors and sizes Easy to use Recyclable

• Plastic pallets

Plastic pallets designed for the stowage of products in warehouses. Its properties are ideal to meet the requirements of food safety and quality standards

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
Stacking	 Variety of colors and sizes
Support for forklifts	 Durability
Other	Recyclable

7. NATURAL FIBER PACKAGING

Sacks made from natural fiber used mainly for the export of coffee beans.

Characteristics and benefits:

- High durability
- Biodegradable packaging
- Food Safety packaging
- Variety of sizes
- Facility for storing and preserving products
- Variety of uses
- Easy to transport and stowage
- Printing and design option

LISTADO DE PRODUCTOS: Jute sack, Fique sack

• Jute Sack:

Sack made from jute fiber which is used mainly for the export of coffee beans. We have packaging of 460, 560 and 750 grams according to the market needs. Also we sell jute fiber, which comes in 40 inches wide.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
CoffeeFabrics for tabaccoCrafts	 100% biodegradable packaging Resists heavy management Allows the good oxygenation of the product Keeps the aroma and flavor of the coffee beans

• Fique sack:

 Sack made from fique fiber, which unlike jute fiber, has a light color and a more neutral odor. This type of sack is mainly used for the export of coffee beans and is produced in 750 grams

 USE APPLICATIONS
 CHARACTERISTICS AND BENEFITS

 • Coffee
 100% biodegradable packaging

 • Crafts
 Resists heavy management

 • Allows the good oxygenation of the product

	 Keeps the aroma and flavor of the coffee beans It has a neutral smell compared to other fibers
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8. PLASTIC FIBERS

Fibers made from polypropylene used in different applications for agribusiness and trade due to the advantages and benefits that the user and final consumer receive.

Characteristics and benefits:

- High durability
- Food Safety products
- Variety of uses

LISTADO DE PRODUCTOS: Multifilament yarn, Polyethylene ties, Ropes, Raffia yarn

• Multifilament yarn

Yarn manufactured from polypropylene which has a special lubrication that gives the properties of body and better performance with the sewing and fabric equipment. It is formed of 50, 98 and 125 small threads or filaments, which form a strand which provides excellent strength and toughness compared to traditional wires. It can be wound or cyclone.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Sewing of bags Ties 	 Deniers between 600 and 8,000 Middle and High Tenacity It does not rot Variety of colors No paint peeling More resistant It does not absorb moisture Better performance in comparison with traditional threads

• Polyethylene ties:

Woven polypropylene ties that are used primarily as grippers for sacks or big bags to facilitate the mobilization, transport and stowed of them.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Handler for sacks Handler for big bags Promotional material other 	 Resistance Versatility in colors and sizes according to the needs of each client Recyclable

• Ropes:

Woven polypropylene ropes which are used in different applications for mooring in industry and trade.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
Mooring for palletsMooring for different applicationsOther	 Resistance Versatility in colors and sizes according to the needs of each client Recyclable

9. ENCLOSURE

Products made of polypropylene and polyethylene that are manufactured by an extrusion process for a wide range of uses in outdoor environments.

Characteristics and benefits:

- Variety of uses
- Long lasting materials
- Recyclables products
- Ideal for outdoors

LISTADO DE PRODUCTOS: Plastic Nets, Polypropylene curtains, Vinyl fabric, Jute awning, Polypropylene awning

Plastic Nets

Plastic nets made from polypropylene and polyethylene of high and low density, which are manufactured by an extrusion process to obtain a wide range of products that are durable and resistant to UV rays to ensure the usage in outdoor environments

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Anti-insect net Plant support net Henhouse net Grid protection Diamond net Square net Safety net Enclosure net Poultry net 	 Affordable Flexible and lightweight Easy to install Stainless Resistant to fungicides and agrochemicals Ideal for outdoor conditions Long life

a. Types of nets:

• Anti-insect net

Net that protects the plantation crops against insects. The variety of colors allows it to be a decorative and showy product. Among them we have: green, blue, gray, black and white.

It is produced in widths of: 1.20 m +/- 1 cm, in presentations of 30 m with holes of 2 mm x 2 mm +/- 0.2 mm

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Insect protection Sieving or separation of products Ornamental element 	 Easy to install and maintain Does not rust It is not deteriorated by fungicides Chemically inert Recyclable Resistant to outdoor conditions

• Plant support net

Flexible net that provides horizontal or vertical support for the wound of plants and vegetables. It helps in the planting process to the correct distribution of plants as it

maintains the stems vertical in order to ave to obtain excellent quality results	oid the rollover of the seedbed, allowing
USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Horizontally (trellis) is used for growing flowers and plants that require support for management and harvesting. Vertically (arbor) is used for crops of cucumber, passion fruit, wool pea, beans, among others, in both traditional and hydroponic systems, improving the process of photosynthesis to maximize the production 	 Easy to install and maintain Does not rust It is not deteriorated by fungicides Lightweight Recyclable

o Henhouse net

Net designed as a solution for the fencing of poultry farm and hunting animals, especially chicken sheds.USE APPLICATIONSCHARACTERISTICS AND BENEFITS	
For enclosure of shedsDifferent applications	 Easy to install and maintain Does not rust Lightweight Recyclable It can be cleaned with soap and water Versatile

• Grid protection

Made of polypropylene, this biaxially oriented net is ideal for protecting fruits and vegetables crops, as well as fish ponds, from the attack of birds and predators.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Reinforcement of plaster Crop protection against birds and predators attack Other 	 Long life Lightweight Does not rust Recyclable Moisture resistant Versatile

o Diamond net

Net made of polypropylene and polyethylene of high and low density, designed for the manufacture in the aquaculture industry of floating cages for fish farms, ponds and gates. It is also used for grain drying.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
• Fits any need	 Easy to install and maintain Does not rust Recyclable Resistant to outdoor conditions Versatile

o Square net

Mesh with modern design, used for transportation in the flower industry and for the protection of areas and cage assembly.	
USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
Used for transportation in	Easy to handle
production processes and	It is not deteriorated by

classification of flowersUsed in decoration	fungicides • Does not rust • Recyclable • Versatile
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o Safety net

Net of visual impact due to its orange color. Designed to delimitate spaces and danger zones, especially in construction projects, in order to prevent workers and bystanders from accidents, facilitating the order and control in the projectsUSE APPLICATIONSCHARACTERISTICS AND BENEFITS	
 Delimitation of restricted areas and danger zones Generate visual impact 	 Long lasting life Easy to install and maintain Does not rust Recyclable Resistant to outdoor conditions Weatherproof Tensile strength Versatile

• Enclosure net

Net used for definitive or temporary closures in areas that require the restriction of people or animals. Usually used for the enclosure of swimming pools and electrical substations.	
USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
• Delimitation of spaces and areas that require an enclosure	 Long lasting life Easy to install and maintain Does not rust Recyclable Weatherproof Versatile No sharps Chemically inert

• Poultry net

Net used for low security fences, garden fencing or poultry houses, as well as for industrial use as a filter holder. The hexagonal and rugged design makes it ideal for many industrial and agricultural applications.

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Delimitation of spaces and areas that require an enclosure 	 Easy to handle Does not rust Moisture resistant Recyclable Chemically inert Versatile It does not conduct electricity

• Polypropylene awning

Awnings prepared from UV resistant polypropylene to ensure its usage in outdoor environments	
USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Shading Protection for outdoor environments Other 	 Long lasting life Waterproof Recyclable Versatility of colors and designs according to the need of each customers

Jute awning

Awnings made from jute fiber cloths that provide protection and shading to ensure its usage in outdoor environments

USE APPLICATIONS	CHARACTERISTICS AND BENEFITS
 Shading Protection for outdoor environments Other 	 Long lasting life Biodegradable material Recyclable Versatility of colors and designs according to the need of each customers