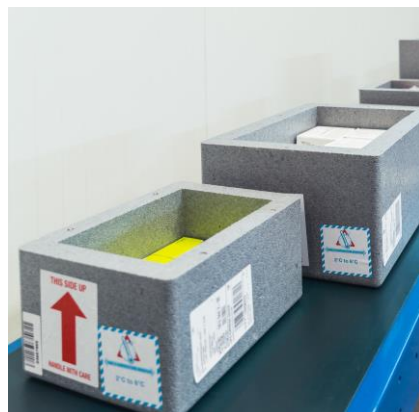
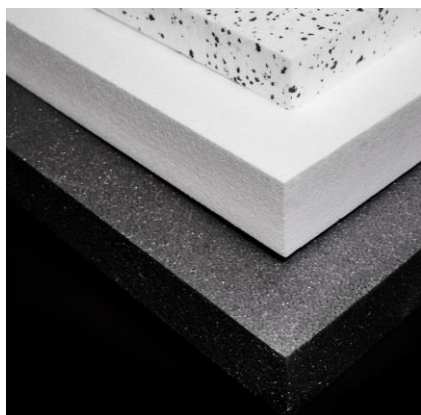


Packaging 4.0

What you need, the way you need it:
we design your customized packaging,
according to your specific needs

www.wgp4.com/en



Company

White Gold Packaging was founded in 2016, thanks to an intuition of its founder and CEO - Marco Zarinelli - who boasts a 30-year experience within industrial packaging sector.



The success is immediate and the growth fast, thanks to an innovative business model based on the creation and development of tailor-made solutions, aimed at satisfying the specific needs of each customer.

A highly specialized team and the close collaboration with trusted business partners are the key to our success: we provide a service characterized by the highest standards of quality and professionalism.



Strengths



PROJECT

- INNOVATION



TECHNOLOGY

- AUTOMATION



QUALITY

- PRECISION



COURTESY

- FAST ACTING



ENVIRONMENT

- RECYCLING

Solutions



Core Packaging

Packaging solutions in Expanded PolyStyrene (EPS), customized to guarantee complete protection and to enhance material properties (such as ductility, resistance, inalterability over the time, non-toxicity and recyclable).



Cover Packaging

Stretch films, cover films, air-bubble films (*Airbol*) and expanded polyethylene (*Foam*) customizable according to requirements, developed to ensure the stability and integrity of the products over the time and during the shipment.



Supply Packaging

Pallets, wooden cases, chipboard panels (MDF), strappings, adhesive tapes and customized components, as well as specific equipment developed to facilitate packaging operations, selected to provide a 360 degrees service.



Pharma Packaging

Packaging systems for the temperature-controlled transport of heat-sensitive products and drugs: they ensure the retention of a precise thermal range (+2°/+8°C or -20°C) for a time period up to 72 hours.



Thermal Solutions

Thermal-insulating panels in white or graphite added Expanded PolyStyrene (EPS) and in Extruded Polystyrene (XPS), suitable for external wall-cladding, along with a wide range of technical sheets and plasterboards.



Core Packaging

Expanded PolyStyrene (EPS)

Sheets/strips, shaped and moulded in white or graphite added EPS, in virgin or regenerated material, in different density, shapes and dimensions.

Resistant to mechanical stress, EPS is a versatile material, durable over the time, hygienic and non-toxic; furthermore it is an excellent insulator and 100% recyclable.

The addition of graphite, besides giving the typical grey colour, increases the EPS insulation capacity, while the use of regenerated material does not affect the above-mentioned properties.

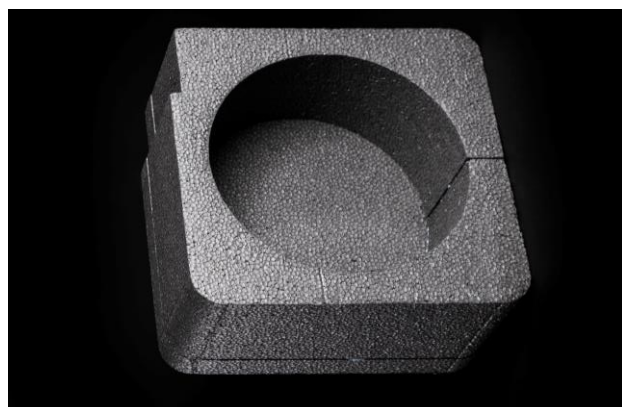
We guarantee complete compliance to agreed project specifications and maximum precision in its execution.



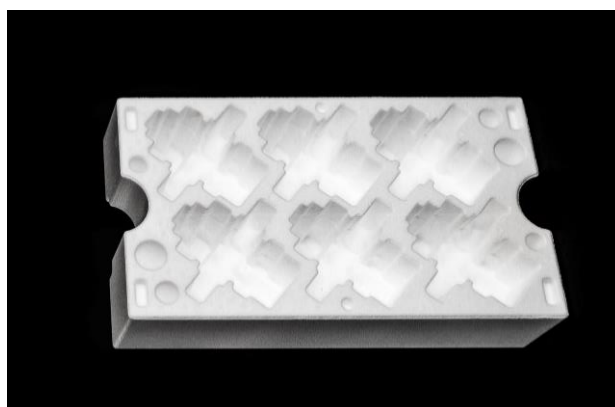
EPS Sheets



White Shaped EPS



Graphite Added Shaped EPS



White Moulded EPS



Cover Packaging (1/4)

Stretch Film

Automatic and manual stretch films, from 10my to 30my and, only for automatic films, with a pre-stretch from 150% to 300%.

Made of a multi-layered co-extruded material (LLDPE) with virgin raw materials, in full compliance with the UNI-EN 13427 standard on recyclability and energy recovering.

Possible addition of anti-UV additives 6/12 months, according to requirements.

Available in various heights and colours (transparent, white opaque, black and blue) or on demand with a minimum required production quantity.

Customizable with the application of the company logo with a minimum required production quantity.



Automatic Stretch Film



Automatic Stretch Film



Transparent Manual Stretch Film



Black Manual Stretch Film



Cover Packaging (2/4)

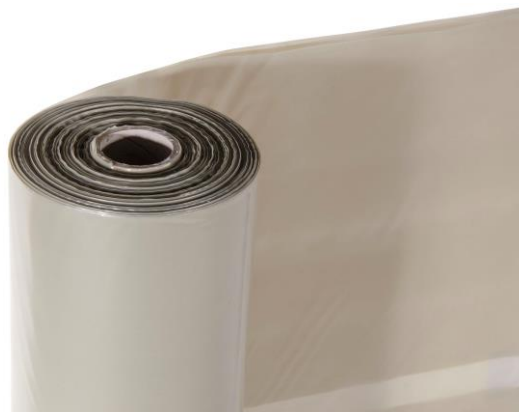
Pallet Cover Cap

Pallet Cover Caps from 40my to 200my, made of a multi-layered co-extruded material, with virgin or regenerated raw material (in a percentage between 40% and 70%).

Possible addition of anti-UV additives 6-12 months, according to requirements.

Available in various heights and colours (transparent, white opaque, black or blue for the virgin material and amber-white for the regenerated one) or on demand with a minimum required production quantity.

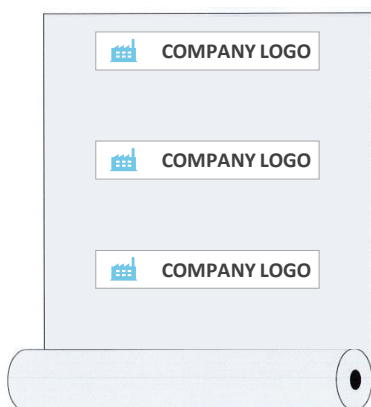
Customizable with the application of the company logo with a minimum required production quantity.



White Opaque Pallet Cover Cap



Black Pallet Cover Cap



Example of Customized Pallet Cover Cap



Blue Pallet Cover Cap



Cover Packaging (3/4)

Air-Bubble Film (Airbol)

Air-bubble films made of co-extruded bubbles and HD, which offer excellent shock-proof performances and tear-resistance.

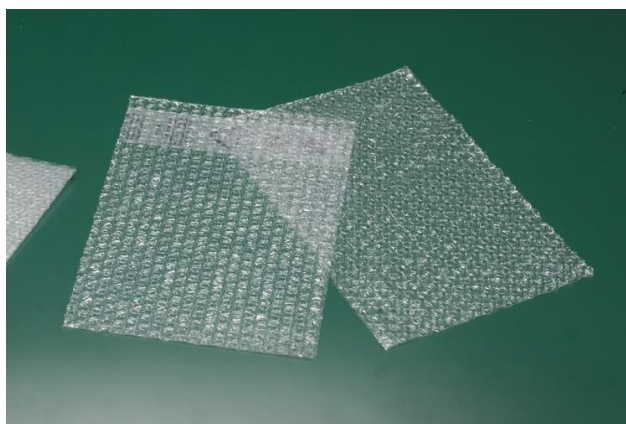
Available in standard heights rolls (500, 1000, 1250, 1500 & 2000mm), they can be produced in customized sizes with a minimum required production quantity.

Available in various weights, they can be paired with other materials according to customer needs (e.g. *Airbol* + HD and *Airbol* + Foam).

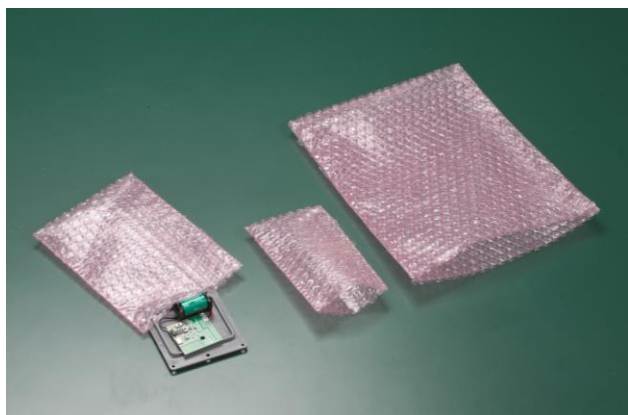
Also used to realize envelopes, envelopes with flaps (adhesive and not adhesive), antistatic envelopes, tubulars and antistatic tubulars.



Airbol Rolls



Airbol Sheets



Antistatic Airbol Envelopes



Airbol Envelopes



Cover Packaging (4/4)

Expanded Polyethylene (Foam)

Non-abrasive Expanded Polyethylene (*Foam*), soft and easy to process, it is an anti-scratch, dust-proof and dump-proof material.

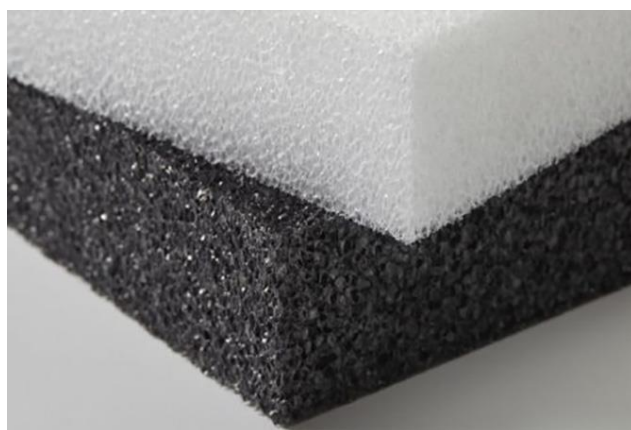
Available in standard heights rolls (500, 1000, 1250, 1500, 2000mm), they can be produced in customized sizes with a minimum required production quantity.

Also used to produce sheets, envelopes, envelopes with flaps (adhesive and not adhesive) and tubulars.

Available in black and white.



Foam Rolls



Black and White Foam Sheets



Foam Envelops



White Foam Sheets



Supply Packaging (1/2)

Pallets and Cases

Epal pallets made in compliance with the European Standard UNI-EN 13698-1.

Oversized wooden pallets, customizable in size and exposed to HT / fumigation treatment (standard ISPM-15 FitOk) where specifically requested.

Wooden cases customizable in their size and production quality, to which HT / fumigation treatment can be added (standard ISPM-15 FitOk).

Light, long-lasting and re-usable plastic pallets, resistant to external agents and to harmful organisms.



Epal Pallets



Oversized Wooden Pallet



Plastic Pallet



Wooden Cases



Supply Packaging (2/2)

Chipboards, Straps, Tapes and Equipment

Chipboards in various sizes and thicknesses, customizable according to needs (e.g. with the application of holes).

PP and PET straps for both automatic and manual use, available in standard or customized dimensions and colours, completely recyclable and non-toxic.

Self-adhesive tapes in PP and PVC, with natural rubber, acrylic or hot-melt adhesives, for both automatic or manual taping machines. Available in different heights, lengths and colours, as well as customizable with the company logo.

Specific equipment, on sale or for rent, in order to facilitate the packaging operations (strapping and wrapping machines)



Chipboards



PP and PET straps



Self-AdhesiveTapes



Strapping Machine



Wrapping Machine



Pharma Packaging (1/3)

Ice Box Graphite

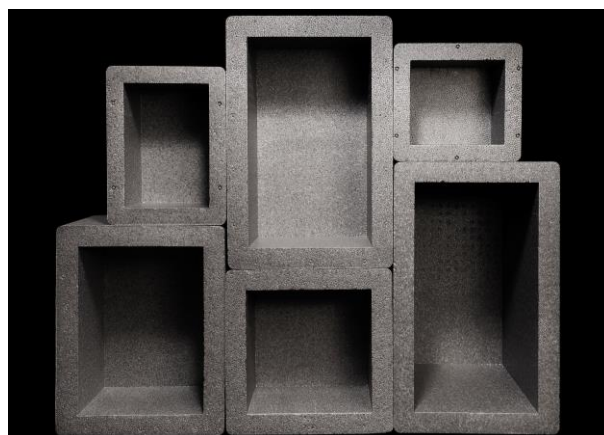
EPS isothermal boxes with added graphite, named *Ice Box Graphite*, available in 6 different models.

Their composition is 98% air and they are completely recyclable.

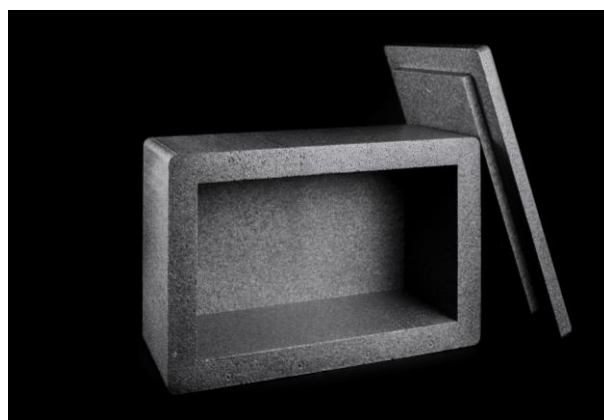
Thanks to their walls thickness and fabrication-density, they ensure the maximum protection at all stages of transport and the isolation from thermal shocks potentially harmful to the goods.

The mixture of graphite, which gives the boxes the typical grey colour, reduces the absorption of light and heat, increasing the packaging system insulation power and strength.

Furthermore, thanks to the grey colour, they remain clean during and after the transport, improving even more the already excellent appearance of the packaging.



Ice Box Graphite



Ice Box Graphite with Cover Detail

PRODUCT	EXT DIMENSIONS (mm)	INT DIMENSIONS (mm)	VOLUME (l)	THICKNESS (mm)	TEMPERATURE RANGE (*)	TEMPERATURE DURATION (*)
IBG Mod XXS	305x280x210H	225x200x130H	5	40	+2°/+8°C; -20°C	48h; 72h
IBG Mod XS	375x280x220H	295x200x140H	8	40	+2°/+8°C; -20°C	48h; 72h
IBG Mod S	400x395x280H	300x295x180H	15	50	+2°/+8°C; -20°C	48h; 72h
IBG Mod M	500x395x280H	400x295x180H	21	50	+2°/+8°C; -20°C	48h; 72h
IBG Mod L	600x395x300H	500x295x200H	29	50	+2°/+8°C; -20°C	48h; 72h
IBG Mod XL	650x395x470H	550x295x370H	60	50	+2°/+8°C; -20°C	48h; 72h

(*) If used in combination with Ice Cube and Dry Ice



Pharma Packaging (2/3)

Ice Gel and Ice Cube

Flexible cold accumulators called *Ice Gel*, available in different weights and sizes (standard models from 50g to 1000g) that can be frozen from -20°C to -40°C .

Practical and reusable, our *Ice Gel* are completely non-toxic and they can be sent for recycling through the common waste collection and disposal circuits.



Ice Gel Range



Ice Cube

Innovative squared *Ice Cube* available in standard weight and size, consisting of a 500g flexible cold accumulator inserted in a special cardboard case of 120x30x170H mm.

Designed to retain moisture and to prevent contact with packed items, they have fixed dimensions which allow to optimize the internal volume of the packaging.

Available in 3 models, they are designed to best satisfy every need:



New Ice Cube Range

MODEL	COLOUR	SPECIFICATIONS
Ice Cube -20°	White with Black Logo	Freezing at -20°C
Ice Cube -40°	White with Gold Logo	Freezing at -40°C
Alu Cube -40°	Aluminium with Black Logo	Freezing at -40°C & thermal reflexion



Pharma Packaging (3/3)

Temperature-Controlled Transport

The combination of our *Ice Box Graphite* and *Ice Cube* grants the retention of the thermal range $+2^{\circ}/+8^{\circ}\text{C}$ for a time interval up to 72 hours (solution validated according to AFNOR protocol, standard NF S99-700), without using external cardboard boxes or any further additional packaging.



System $+2^{\circ}/+8^{\circ}\text{C}$: Ice Box Graphite + Ice Cube

The combination of our *Ice Box Graphite* and established quantities of dry ice grants the retention of a temperature below -20°C for a time interval up to 72 hours (solution validated according to AFNOR protocol, standard NF S99-700), without using external cardboard boxes or any further additional packaging.



System -20°C : Ice Box Graphite + Dry Ice



Ice Box Graphite Filling Detail



Ice Box Graphite Sealed Detail



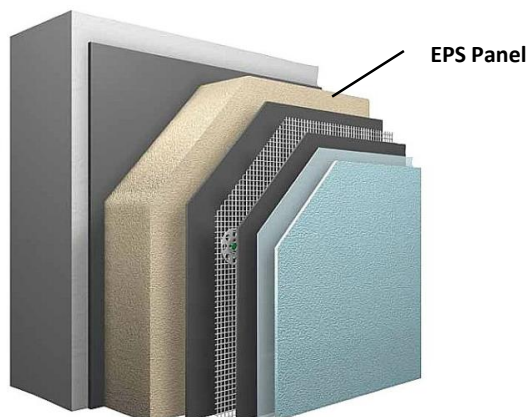
Thermal Solutions

Thermal-Insulating Panels and Paired Sheets

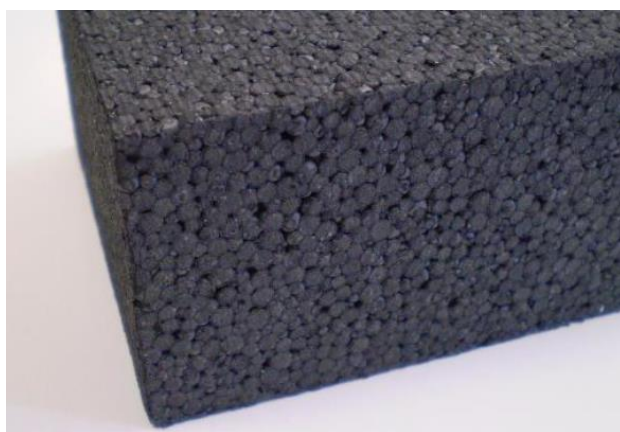
Thermal-insulating panels in white and graphite added EPS (which improves its thermal insulation power), self-extinguishing and thus suitable for external cladding systems.

XPS thermal-insulating panels, which grant low conductivity, dimensional stability, limited water absorption, easy handling and workability. They are as well suitable for external cladding systems.

Paired sheets available in several thicknesses and densities, compositions and treatments, which ensure thermal and mechanical resistance. They are water-proof, resistant to humidity and mould, as well as sound-absorbing.



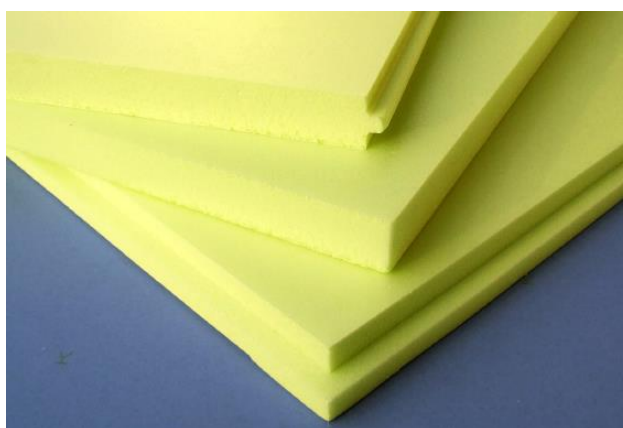
EPS Thermal-Insulating Panel



Graphite Added EPS Thermal-Insulating Panel



Plasterboards Panels



XPS Thermal-Insulating Panels

Customer Service



COURTESY

A dedicated **Customer Care**, attentive to satisfy all customer needs and able to handle any issue.



PRECISION

An experienced **Team**, capable of identifying innovative solutions in order to meet all specific requirements.



RAPIDITY

A reliable **Logistic Support**, able to grant the previously agreed delivery times.

Production Plants

We carefully select our commercial partners and we share together the same quality and excellence targets both in products realization and services delivery.

We have two production plants, both UNI EN ISO 9001:2008 certified, one located in Bairo (Torino, IT) while the other in Pozzo d'Adda (Milano, IT), specialized respectively in EPS cutting / shaping and molding.

Our supply-chain, combined with a carefully selected logistic-handling process, allows us to optimize shipments flow and to grant an excellent service in all situation.



Tutela dell'Ambiente

Each of our activities has an impact on the environment that surrounds us: from energy-consumption, to travelling, up to waste-handling.

As a 4.0 Company we assume the responsibility for operating with the biggest environmental respect and we take an active role to achieve a sustainable development.

For our packaging solutions we prefer the use of regenerated and/or recyclable materials in order to ensure the best quality, while minimizing costs and environmental impacts.



SUSTAINABILITY



RECYCLING



REACH - ROHS Conformity

None of our articles contain substances classified as SVHC (Substances of Very High Concern) in the current Candidate list of REACH Regulation, in higher quantities than 0.1%. All our articles are HBCD free (Hexabromocyclododecane).



CE

They neither contain any of the substances banned by the Directive 2015/863 / EU (RoHS 2.0 compliance):

- Lead (Pd)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent Chromium (Cr6+)
- Polybrominated Biphenyl (PBB)
- Polybrominated Diphenyl Ether (PBDE)
- Di-2-Ethylhexyl Phthalate (DEHP)
- Benzyl Butylphthalate (BBP)
- Dibutylphthalate (DBP)
- Diisobutylphthalate (DIBP)

(DEHP, BBP, DBP e DIBP added as part of the EU DIRECTIVE 2015/863 published on March 31st, 2015)

and are free of flame retardant Hexabromocyclododecane (HBCD).



CE



Contacts

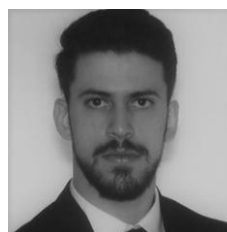


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