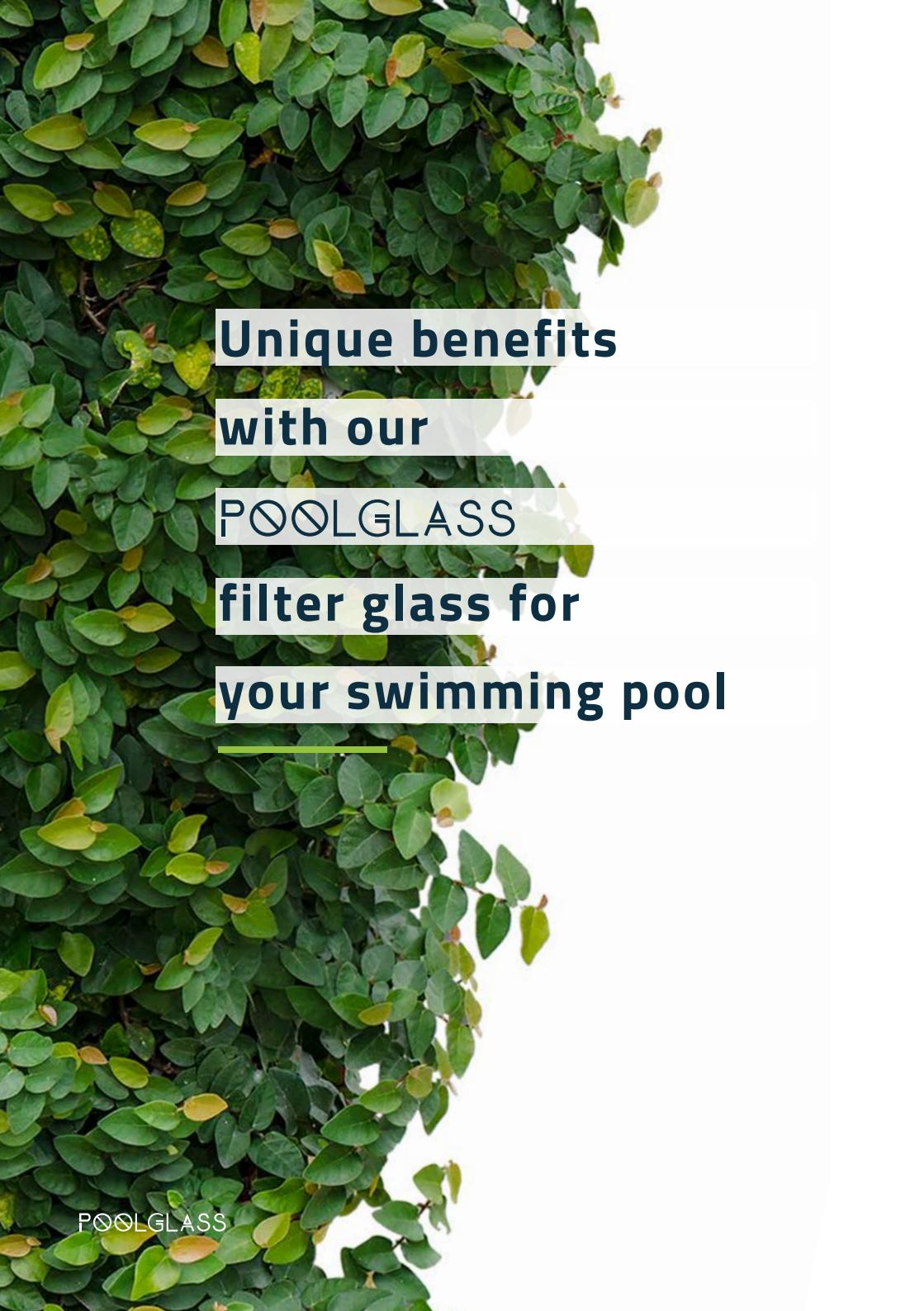




POOLGLASS

We are manufacturer
and distributor of
the glass filter



**Unique benefits
with our
POOLGLASS
filter glass for
your swimming pool**

⦿ We are manufacturer and distributor of the glass filter



- › Europe based Company
- › Our glass filter, product made in Spain, is subject to intense quality checks, to guarantee you excellency

⦿ Ecological product, 100% recycled



- › Made with glass, obtained from a 100% recycled media. Glass is a raw material already in our environment, and we should reuse it
- › Poolglass media, is sterilised in a sustainable system. There's no risk for biofilms to be multiplicated

⦿ Reduction of maintenance costs



- › We offer you the finest filtration available 4µ



- › Impurity free product
- › Poolglass is the most filtering glass on the market, you will need a minimum amount to filter the same amount of water as another filtering glass. You will save 15% of product



- › The efficiency of Back-washing, is higher, you'll save water and energy, due to the fact that you can space out the filter washing
- › Cleaning the filter is faster, so, the water consumption and especially electricity is less important than with another glass quality



- › This glass is treated so bacteria multiply way less in your pool filter than it would do with another filtrating media. This will help you saving in cleaning products, as chlorine, accordingly the water will be healthier than it would be using another media

Healthy and safe swimming

POOLGLASS



3 SIZES



ECOLOGIC



1. Code product

Grades

PG01	Filtration material 100% recycled glass	1-	0,5	-1
PG02	Filtration material 100% recycled glass	2-	1	-2
PG03	Filtration material 100% recycled glass	3-	2	-5

2. Recommended use

- > Composed of glass obtained from 100% recycled material.
- > Manufactured for optimal filtration and complete the water cleaning.
- > Available in 3 different formats or grain sizes.

3. Technical characteristics

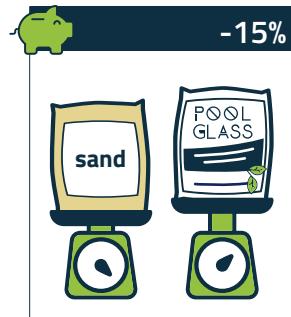
Code	Description	Interval (mm)	d10 (mm)	d10/d60 (mm)	Dap (kg/m ³)
PG01	Grade 1	0,5 - 1	0,4 - 0,5	1,65 - 1,85	1.290
PG02	Grade 2	1 - 2	1,1 - 1,2	1,65 - 1,85	1.315
PG03	Grade 3	2 - 5	2,1 - 2,2	1,65 - 1,85	1.345

4. How to use

4.1. Filter filling

Since glass weighs 15% less than sand, you will need to add 15% less glass than the amount of sand recommended by your filter manufacturer.

Remember to leave a 30% free space of the filter height for the correct expansion of the glass in the wash cycle.

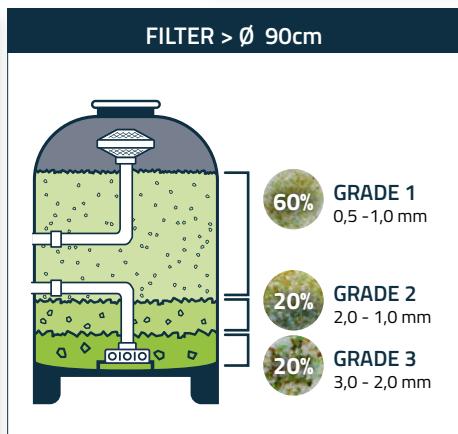
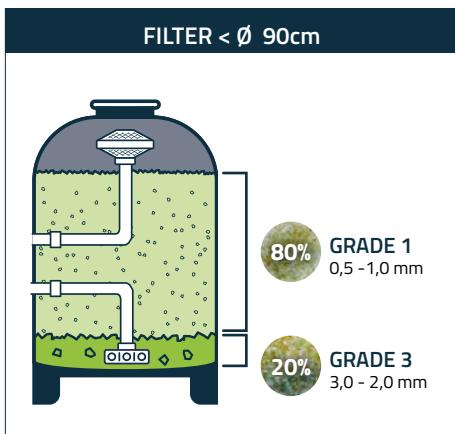
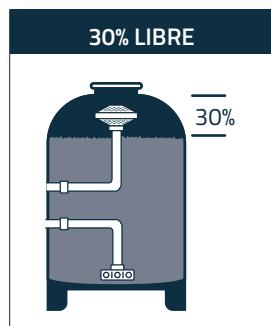


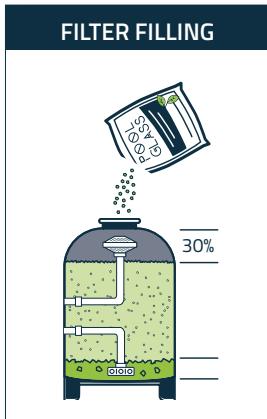
> For smaller filters, with a diameter of less than 90cm, only two grain sizes can be used:

- > PG01 → Grade 1 → 80%
- > PG03 → Grade 3 → 20%

> For larger volume filters, it is recommended to use the 3 grain sizes:

- > PG01 → Grade 1 → 60%
- > PG02 → Grade 2 → 20%
- > PG03 → Grade 3 → 20%





FILTER FILLING

Steps for filling the filter

- 1 Open the filter lid.
- 2 Fill with water until half of the filter to dampen during filling and avoid damaging the interior pipes.
- 3 First introduce the thickest glass (according to the filter size).
- 4 Introduce the next grade, the finest as indicated.
- 5 Leave an empty space of 30% of the height of the filter.
- 6 Close the filter.



INITIAL FILLING

Initial filling of the medium

- It is recommended to do a first vacuum wash before using the filter in filtering mode.
- Perform 3 wash cycles followed at 10 minutes intervals each.
- Then start a glass rinse cycle of about 10 minutes.



FILTRATION

Filtration operation

- Filtration efficiency increases with decreasing pump speed, therefore a variable speed pump use is recommended.
- If you have a variable speed pump, you can adjust the filtration speed to get a best result and at the same time save energy.
- Anyway, it is recommended for the filtration rate to be less than 50 m/h.

4.4. Washing operation

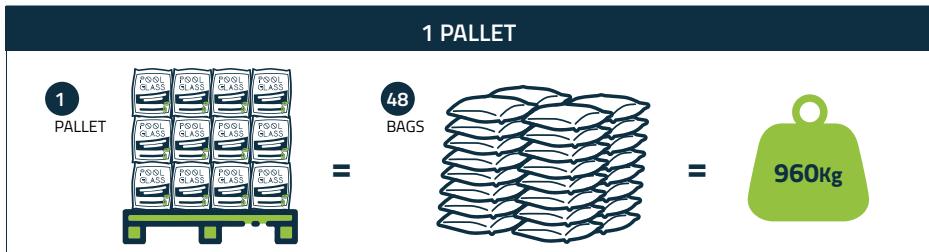
- For the washing cycle, it is recommended for the washing speed to be between 40 and 50 m/h for a correct glass expansion.
- The duration of the wash cycle will depend on the amount of particles retained. It usually lasts about 5 minutes.



5. Packaging

Supplied in white plastic bags sprinkled with UV light inhibitor.

- 1 bag = 20 kg
- 1 pallet = 48 bags = 960 kg



6. Preservation

The bag is protected by a UV inhibitor which protects it from the sun between 6 and 8 months of exposure.

It is recommended to store it in a cool place, away from direct sunlight.





SelvaGres

POOLGLASS

GET IN TOUCH!

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