



Custom Made PPC Pools

Catalogue 2024

www.flexline.be

Your swimming pool is as **unique** as you are

Don't limit yourself and design with your feelings and desires. This level of customization allows you to have a pool that **fits perfectly** in your available space. Flexline provides high end quality pools made out of the most stable and solid **polypropylene panels**. As a producer of swimming pools, our focus is to provide the best product following **strict procedures** and be able to work with professional pool builders who in turn can focus on the installation of Flexline swimming pools. One's specialty can only be strengthened by the complete focus towards it.



Flexline was originated to meet the needs of **high-demanding** pool enthusiasts unable to concede on quality, nor settle for standard measurements for their dream pool.

Thanks to the knowledge from members of the European industrial group TSPH, The Swimming Pool Hub, **Belgian market leader**, Flexline was able to get off to a flying start and create custom made one-piece pools for all customers all over Europe.

The factory is located in Aarschot, Belgium, sharing the same European logistic platform as TSPH Group.



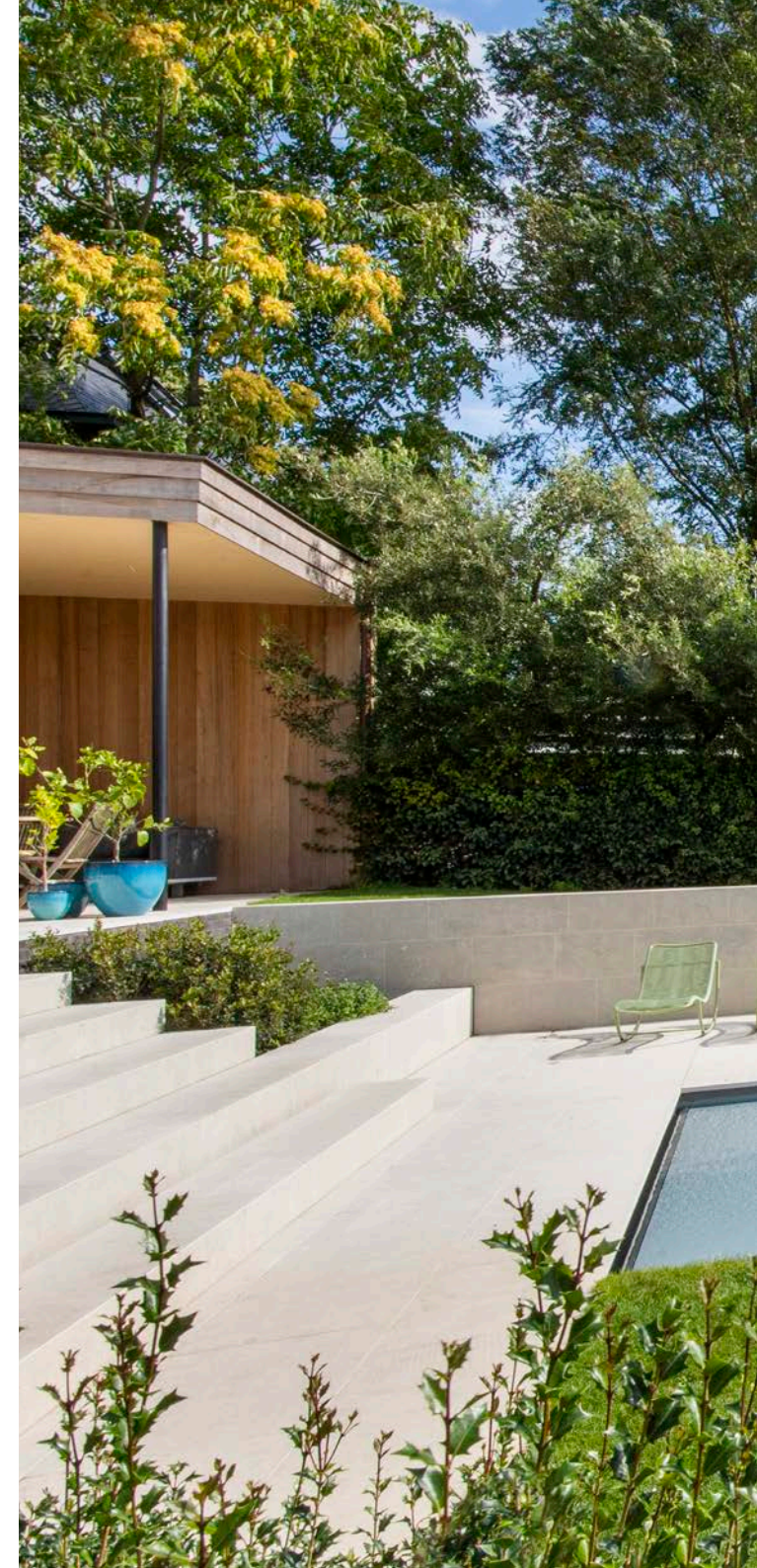
Belgian factory
Open for visitors



Member of TSPH



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Customization



Durability



**Leak
Resistance**



**Low
Maintenance**



**Chemical
Resistance**



**Fast
Installation**

Technology

Our pools are being built with **high quality** German polypropylene copolymer (PPC)

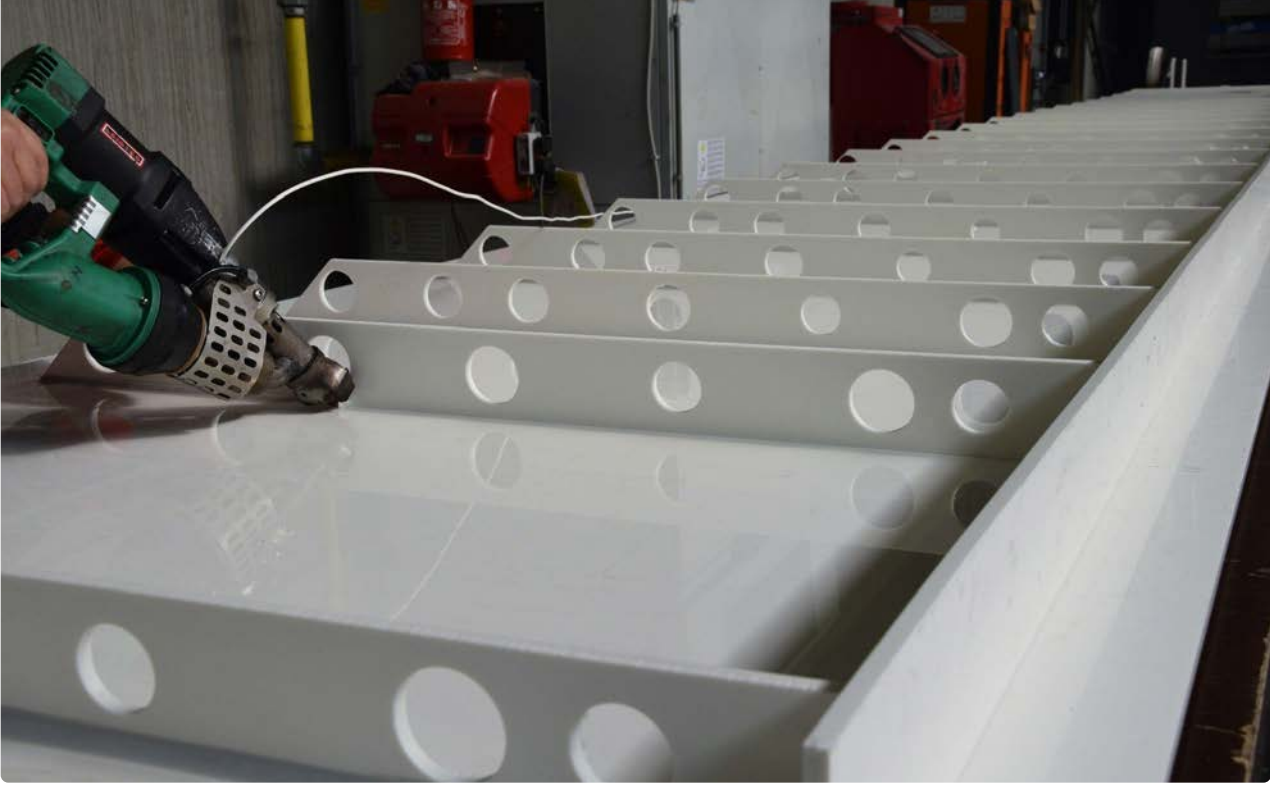
The panels are **10mm thick** and are resistant to frost, osmosis and chemicals. These ultraviolet-resistant panels comply with strict high ISO and DIN standards. Polypropylene does not release any harmful substances or microplastics into water, as they have been extensively tested. They are **100% recyclable** and thus can continue to be very useful after their lifespan as a swimming pool. A 10/10 on sustainability and respect for nature.

After the design of the pool has been established and validated by our mechanical engineer, it's time for the production of your unique one-piece pool to start. Producing a one-piece pool **completely custom made** requires precision, quality control and attention to detail at every step of the manufacturing process to create a durable and long-lasting swimming pool for you to enjoy.

The indisputable advantages of polypropylene

- No osmosis
- Resistant to frost, hail and extreme heat
- Energy efficiency
- Resistant to chemicals
- Maintenance friendly
- Pre-built, rapid installation
- Little to none design limitations





10 steps journey to the **pool of your choice**

1

Design & Planning

The process begins with the design phase, where you are the creator of your dream pool. Together with your Flexline pool builder, a detailed plan with specification is made. This includes determining the pool's size, shape, depth, and any additional features such as steps, benches, or integrated cover systems.

3

Welding & Fusion

The panels are then subjected to a welding process. High-frequency welding is used to join the panels together. This creates strong and watertight seams, ensuring that the pool is leak-free.

5

Surface Finishing

The interior and exterior surfaces of the pool are finished to create a smooth and aesthetically pleasing appearance. Any imperfections are addressed during this stage.

2

Sheet Extrusion

Polypropylene copolymer sheets are extruded or produced through a sheet extrusion process. These sheets or panels will serve as the raw material for creating the pool's walls and floor.

4

Reinforcement

Depending on the design and size of the pool, additional reinforcement may be added. These are structural ribs or supports to enhance the pool's strength and integrity.

6

Quality Control & Inspection

Each pool undergoes a rigorous quality control and inspection process. This includes checking for any defects, ensuring the structural integrity of the welds, and verifying the dimensions and specifications.

7

Packaging & Transportation

The finished one-piece pool is packaged securely to protect it during transportation. Special care is taken to prevent any damage during transit.

8

Installation

On-site installation is performed by the professional pool builder who ensures that the pool is placed in its designated location correctly. This includes leveling the pool and connecting it to the necessary plumbing and filtration systems.

9

Final Inspection

After installation, a final inspection is conducted to ensure that the pool is properly installed and functioning as intended.

10

Guidelines overall pool care

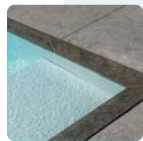
Our pool builders provide valuable information and guidance to ensure safe and effective maintenance of the pool. Furthermore they give you peace of mind in their after sales service.



Belgian swimming pools

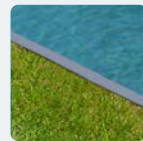
Whatever the type of swimming pool you have in mind, we're here to make it a **reality** and provide you with the best finishing with all the necessary equipment to make sure your dream comes true. Consulting with our **pool professional** can help you determine the best type of pool and maintenance system for your specific needs.

What kind of pool are you?



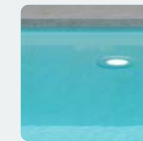
1 Type of swimming pool

- Skimmer (edgeless)
- Overflow or mirror
- Infinity
- Natural or Biopool



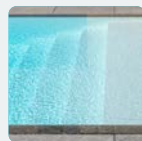
3 Desired water color

- Timeless White
- Versatile Grey
- Sophisticated Grey
- Deep Anthracite



5 Accessories

- Underwater lighting
- Finish of the built-in pieces
- Counter-current systems
- Water treatment and technical aspects



2 Design of steps

- Pure
- Excellence
- Slash
- Plage
- Floating steps or filled out



4 Pool cover

- Cover in Plage *integrated in the pool*
- Cover in separate pit *behind the swimming pool*
- Covrex insulating slats or Quadro solar polycarbonate slats



Skimmer edgeless

These pools have a **visual skimmer** under the edge to catch all debris. Water level is up to 3 cm below the edge of the pool and is fitted with a filter system. This type of pool you can choose whether you want to have a **visible edge** with coping stones or an **invisible edge** without coping stones around the pool.



Overflow or mirror

Immerse yourself in a world of tranquility as the **crystal-clear** waters appear to blend seamlessly with the horizon, creating an illusion of boundless beauty. Water is collected in a water tank, filtered and **redistributed through** inlets. Water is then filtered and redistributed to the pool through inlets. A big advantage is that water circulates faster and better, providing cleaner water and superior heat regulation.



Infinity

Dive into pure bliss with our exquisite infinity pools, where the water meets the sky in a seamless, breathtaking vista. As you take a dip, you'll feel like you're floating on the edge. The choice remains yours if you want one, two or three infinity edges. It's a great fit for sloping gardens or gardens with a big hill.

Natural or Biopool

Escape to nature's embrace with our natural pools, a pristine oasis nestled in your garden. This chemical-free, eco-friendly haven offers a refreshing and pure swimming experience. The natural pool has a balanced ecosystem (plant zone) keeping the water naturally clean. These natural pools can't be covered or heated. On the other hand, biopools use biological filtration technology to **purify the water** (not chemicals) and don't need any plant zone and they use a cover system. Both pools provide the most pure and **eco-friendly** swimming experience.



Design of steps

All steps have a leather grain-like anti-slipping structure ensuring **safety** when entering and leaving the pool. The other surface of the polypropylene one-piece pool is usually smooth, but even here you're able to be **completely free** in your choice. The textured finish of leather grain mimics the look and feel of genuine leather adding a touch of **elegance** and refinement to the pool.



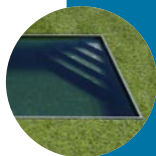
Pure

This design involves straight narrow corner steps. You can choose to have it only in one corner or in both. Do you want to have a bigger first step for more comfort? Choose the **Pure Plus**, the first step measures 1m instead of 30cm. Looking for a double entry? Everything is possible! **Pure double** or **Pure Plus Double**.



Excellence

A wide staircase across the entire width. Looking for more space? Choose the Excellence Plus, the first step of this staircase measures whatever you want.



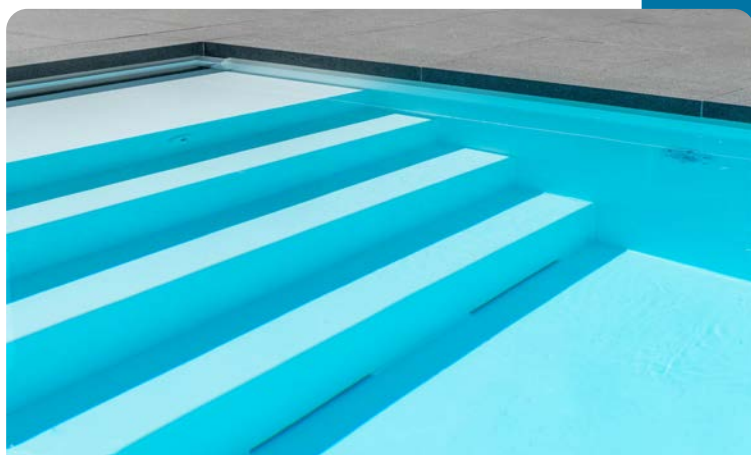
Slash

Angled corner steps. They are visually very sleek and take up little space. If you're wanting a little bit more space, go for the Slash Plus, where the first step can measure a lot more, you choose the measurements!



Plage

Having an area where to sit and lay back is always the better choice. You can have an underwater bench added to the design of your chosen steps. Choose the width, everything is personalized and made exclusively for you.

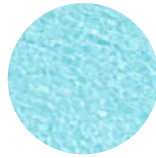


Floating steps or filled out

It may seem like the floating steps are not being supported but rest assured, this is only a visual trick. After you've confirmed your staircase, you can have these in **floating style** or filled out. It's all up to you!

Desired water color

The choice of pool color involves both aesthetic preferences and practical considerations. Whatever pool you desire you can have the color of your choice to go with it. We have **4 different colors**, but we're not limited to them. If you want to have your pool in army green, we go the extra mile and produce for you that good-looking army green pool.



Timeless White



Versatile Grey



Sophisticated Grey



Deep Antracite



Pool cover

Choosing a pool cover can provide **several benefits** like: safety, energy efficiency and improved water quality among others. Flexline presents different types of cover systems for instance automatic pool covers, which are designed to cover and uncover with the touch of a button. You have the **absolute freedom** to choose where you want the cover system to be located.

Cover in Plage

integrated in the pool

The automatic cover is installed in an **underwater bench**, also called Plage. You'll have a Plage where you can sit and relax and it will serve as a housing for the cover. The visible plage can even be fitted in stone if you wish. You can decide to have the cover integrated in a **shallow Plage** (at a depth of 20 cm) or **deep Plage** (at a depth of your choosing).

Cover in invisible pit

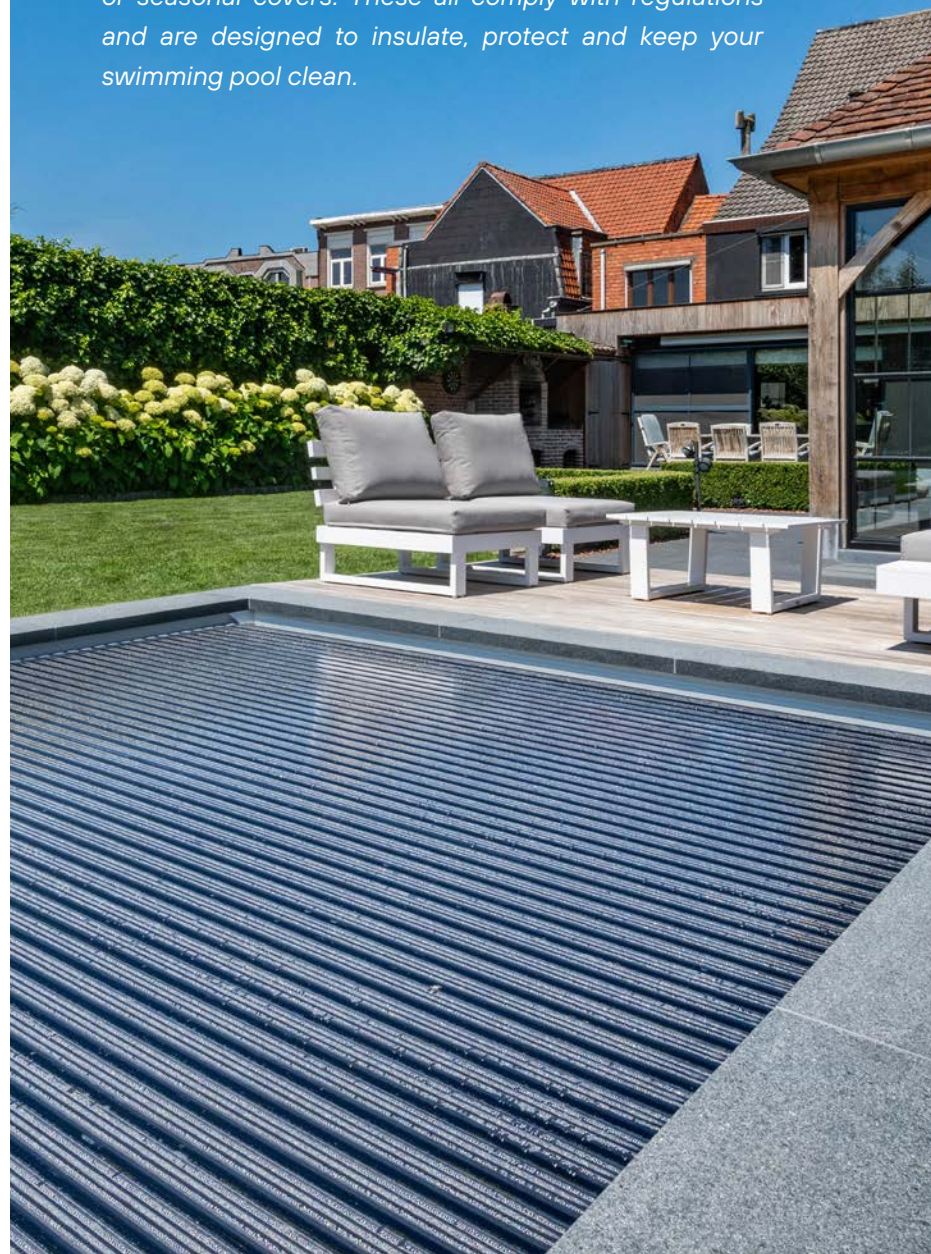
behind the pool

If you don't want any visible system in your pool, you can opt for a hidden cover system. This cover pit will be just behind the pool, this option provides you the maximum **swimming space**. A solution often chosen by die-hard swimmers.

Covrex insulating slats or Quadro solar polycarbonate slats

Completely up to you which kind of slat you want for the swimming pool. You can choose the Covrex **foam-filled slat**, which offers the maximum insulation coefficient over the whole lifespan of the cover. Also possible to equip your automatic cover are Quadro solar slats that have the ability to heat up the swimming pool water. Extremely **resistant to shock**, hail, low and very high temperatures.

We work exclusively with Belgian leading manufacturer Technics & Applications (T&A) for all types of cover solutions. For instance, if you don't want an automatic cover pit there are other solutions like safety covers or seasonal covers. These all comply with regulations and are designed to insulate, protect and keep your swimming pool clean.



Accessories

Underwater lighting

Spotlights for the swimming pool allow you to enjoy the pool even after the sun goes down. It also creates a captivating ambiance making the pool area an inviting and visually appealing space. Different lighting colors and patterns can set the mood for relaxation, entertainment or even romantic evenings. LED lights are highly energy-efficient, with a longer lifespan than conventional lighting options.

We offer white or colored LED underwater spotlights. Together with your pool builder you can determine how many spots and on which side of the pool or, all of the sides, this is completely customizable.

Finish of the built-in pieces

The casing of built-in pieces in a swimming pool is an essential aspect of the pool design, as it not only protects the components but also contributes to the pool's aesthetics and functionality. We offer visible casing in the same color or in a different color as your pool. Also possible is to have stainless steel smooth casing providing a sleek and modern appearance.

Counter-current systems

These kinds of systems are a valuable addition to the swimming pool. Make the most out of your pool by swimming against the current for building strength and improve your overall endurance. It's also an excellent way to save space and maximize the utility of the pool area.

Our polypropylene pools are compatible with counter-current pumps for recreational swimmers or even with a counter-current turbine for the advanced swimmer.

Water treatment and technical aspects

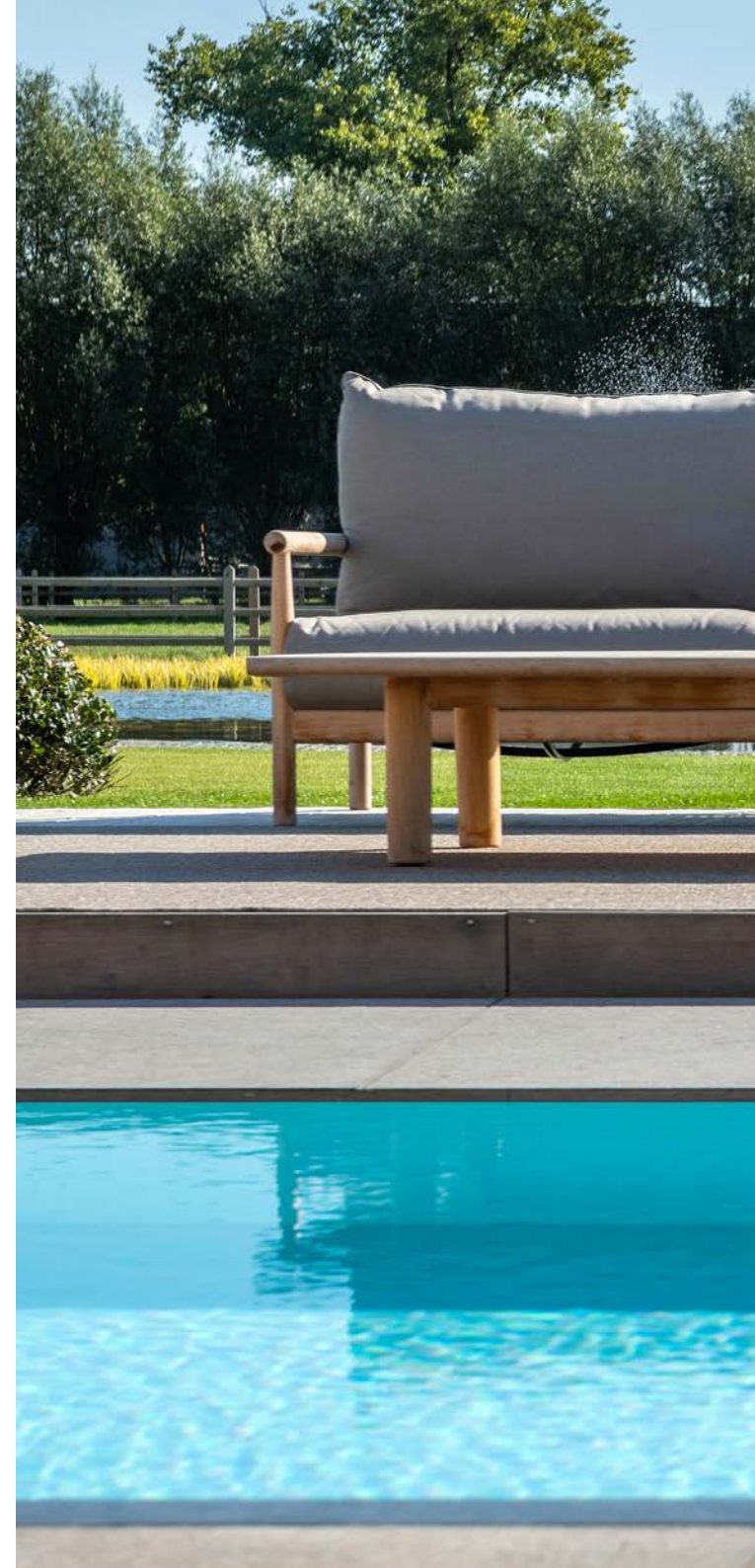
Maintaining clean and safe water is essential for swimming pools. Various water treatment methods are compatible with the Flexline swimming pools. As everything can entirely be custom-made, be sure to ask your pool builder expert for the different options available and most suitable for you and your family. From automatic low chlorine treatments to natural biological filter systems.

European coverage & Warranty

Flexline works exclusively with **professional** pool builders who have extensive experience in installing polypropylene pools. They are all trained to install our pools to ensure a successful and hassle-free result. Our pool builders understand the complexities involved from obtaining permits, plumbing, electrical work and finishing touches. They help you create your customized pool meeting your specific needs, preferences and budget.

We are a proud **Belgian manufacturer** and our products are available in Belgium but also across European countries. It's advisable to find a **pool builder** located nearby because of the local knowledge and the fast service.

Beyond the warranty provided from the pool builder, all owners of a Flexline polypropylene pool enjoy a **warranty of 30 years** on the watertightness of the panels, against cracks and fissures.







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