



# WATER

WHEREVER AND WHENEVER YOU NEED IT

• SPECIALISTS IN WATER STORAGE • PRODUCERS FROM THE VERY BEGINNING •



• OVER 65 YEARS OF EXPERIENCE • CERTIFIED QUALITY • WORLDWIDE SERVICE •



[NPIWATERSTORAGE.COM](http://NPIWATERSTORAGE.COM)





 **65** YEARS OF EXPERIENCE
  **150** YEARS OF RELIABILITY
  **30** TEAM MEMBERS
  **60** COUNTRIES WORLDWIDE

## RELIABLE SUPPLY OF GOOD WATER • SAFE WATER STORAGE IS UNMISSABLE



Either it concerns irrigation water for your crops, water for agriculture, for aquaculture/ fish farming, process water or drinking water: you need a reliable supply of good quality water. A solution to store your water and to keep it fresh and clean is indispensable, as unmissable and trouble-free link in your water system. Water is in service of your business and we understand it is of the utmost importance the storage of your water is safe, efficient and saving on costs. At NPI we specialize in water storage solutions, producing and exporting metal tanks and excavated basins all over the world.



VIEW OUR PROJECTS

# OVER 65 YEARS OF EXPERIENCE

## 150 YEARS OF RELIABILITY

**We are a reliable partner** in film and water storage solutions, with over 65 years of experience. In the 1950s welding electricity pipes into hula hoops laid the foundation for the company. In 1957, the name NPI was born.

### The beginning

When in the early 1960s films started to replace concrete constructions in civil engineering, NPI grew to become an international and specialized film welding company.

Around the millennium switch, NPI became a reliable supplier of horticultural supplies for the professional horticulture sector at home and abroad. Every day, we ship many different horticultural products to growers, gardeners and municipalities all over the world.

Then we also started to produce complete waterstorage systems, focusing on linings for metalwater tanks and excavated basins. Within a few years, our water storage systems were being sold all across the globe.

### Quality

What during our timeline has always been consistent is the quality of our product; it is the foundation for everything we do. Our various certifications guarantee this. We are KIWA, ISO 9001, VCA and CE certified for the processing of various films, which means we comply with strict international safety and quality standards. In addition, we are committed to improvement, achieved by continuous research and development. The result? Products with a high and constant quality.

- Minimum safety margin of 40% on all standard steel structures
- High quality raw materials
- KIWA certified welding experts
- Annual audits on labour, processes and equipment
- Good warrantees
- Certified suppliers



# TANKS

## DURABLE WATER STORAGE SYSTEMS



**THE MATERIALS, COMPACT SHIPPING AND SIMPLE INSTALLATION MEAN THAT OUR MODULAR TANKS ARE EXTREMELY SUITABLE FOR EXPORT AND APPLICATIONS EVEN AT THE FAR REACHES OF THE GLOBE.**

**NPI is an international market leader** in water storage systems. We have used our technical expertise to become a specialist in lining basins and modular metal water tanks.

The most optimal form of water storage for your project depends on many factors, such as application, environment and storage capacity. Therefore, NPI produces to measure, adapting dimensions, the type of film of the type of cover.

### Metal water tanks

Either it concerns irrigation water for your crops, agriculture, fish farming, process water, manure storage, emergency water or drinking water, you need a reliable supply of good quality water. Our water tanks offer a high quality and durable water storage solution.

Our metal water tanks are modular and manufactured from high-quality corrugated steel. The metal tank walls are lined with a film. The water tank can be completed with a cover and various accessories

and connections. Our silos are supplied in the form of a prefabricated construction kit, enabling quick and easy installation on-site.

### Made to measure

Your needs are our primary focus. Water can take on many dimensions or compositions in different applications. Whether you need to store large or small amounts of water, our water tanks come in a wide range of capacities and diameters, making them suitable for any location. They are made to measure and can be manufactured and finished in various ways with various optional extras. Meeting the specific demands of any customer.

### Advantages

- Control over water quality and quantity
- Large capacity on a small area
- Flexibility in diameter and height
- Modular
- Simple installation
- Efficient transport

| MATERIAL*                     | UV RESISTANCE | TEMPERATURE RESISTANCE | CHEMICAL RESISTANCE | POTABLE WATER | PROCESSING AT LOCATION | WARRANTY UP TO |
|-------------------------------|---------------|------------------------|---------------------|---------------|------------------------|----------------|
| ENPEX FPP 0,6 / 0,75 / 1,0 mm | ●●●●●         | ●●●●●                  | ●●●●                | ●●●●●         | ●●●●●                  | 15 years       |
| ENPEX CPL 0,75 / 1,0 mm       | ●●●●●         | ●●●●●                  | ●●●●●               | ●●●●●         | ●●●●                   | 15 years       |
| PVC 0,6 / 0,8 / 1,0 mm        | ●●●           | ●●●                    | ●●                  |               | ●●                     | 10 years       |

\* All material performances are depending per situation. Always consult your dealer for the right choice of material suitable for your application

# EXCAVATED BASINS

## LINED WITH HIGH-QUALITY FILMS

**As film processor**, we have lined countless excavated basins across the globe, in all sort of markets and applications. These include agriculture, horticulture, civil engineering projects, environmental and leisure projects. Excavated basins are made up from earthen walls, lined with one of our high-quality films with a long lifespan. We recommend to cover the walls of the basin with embankment protection, protecting the film against UV, wind, weeds and vermin. With a cover in place, algae cannot form, evaporation is prevented and debris cannot contaminate the basin. This ensures optimal water quality and prolongs the lifespan of the storage system!

### Made to measure

All our basin liners are made to measure, meeting the requirements for your specific project. In our production facility we can produce to measure LDPE, PVC and polypropylene films of up to around 5,000 m<sup>2</sup>, enabling a high degree of flexibility in shape and size. Different options for connections and covering systems are available.

### Advantages

- Fast on-site installation
- Prefabricated liner, welded inside under perfect circumstances
- Low investment cost per square meter
- High degree of flexibility in shape and size



### Tank types

As each application and environment has its own requirements, NPI adapts to specific demands by the customers. For additional strength we can increase the minimum steel thickness and apply additional coating to prevent corrosion in demanding environments.

- Standard tanks (min 0,8 mm steel thickness)
- Type A tanks (min 1,0 mm steel thickness)
- Short panel tanks (saving transport volume)
- Coated tanks (coating available per ring)
- Fish farm tanks (adapted heights and liners)

### Accessories and connectivity

NPI supplies a wide range of high quality accessories to complete your tanks. These include various types of outlets, which allow you to connect tanks to each other or to pumping stations for filling and emptying.

### Standard outlets



These standard conical outlets are prefabricated to any desired diameter, and can be welded at any position at the bottom of the tank.

### Mechanical PVC outlets



These PVC outlets are easy to install at location and create a flat surface. Ideal to completely drain the tank.

### Galvanized steel outlets



Specially designed to install in the sidewalls of tanks for both filling and emptying.

Contact us for other options.



**MOST COMPREHENSIVE  
CERTIFICATION PACKAGE**

# QUALITY

TROUBLE-FREE STORAGE

**Quality it is the foundation** for everything we do. Your water is in direct contact with the liner so the quality of the liner is a main concern. A strength we have to offer is the most comprehensive certification package for the processing of various plastic films. The result? Liners that meet the highest standards, that are drinking water certified and food grade material. And for the complete product, quality is evident in:

- Minimum safety margin of 40% on all standard steel structures
- High quality raw materials
- KIWA certified welding experts
- Annual audits on labour, processes and equipment
- Good warranties



### What does this mean for you?

Our mission is to provide you with a trouble-free water storage system. Your convenience and requirements are priority for us. Fortunately, quality translates to practicality. The quality we offer means for your water storage system:

- Reduced maintenance costs
- Long lifespan





# COVERS

## PROTECT YOUR WATER

To preserve the water quality by preventing algae growth and wind-borne debris entering the water, NPI produces and supplies different types of covers.

### Tensioned Anti Algae Cover

This cover is produced from a woven polypropylene with a reinforced hem, equipped with stainless steel eyelets. The cover is tensioned and secured over the top edge of the tank with hooks and rope. Tensioned anti algae covers are suitable for tanks up to an approximate diameter of nine meters. Larger diameters are possible, but they require an extra reinforcement of the water tank. An additional feature is a center pole to support the tensioned cover.

### Floating Anti Algae Cover

This floating cover is made of woven polypropylene and produced with pockets across and around the cover. PVC pipes of ca.  $\varnothing$  50 mm need to be inserted through these pockets to keep the device afloat.

### Galvanized Steel Cover

The galvanised steel roof is specially developed for NPI water tanks and it is our most robust covering system. It is fully waterproof cover and as such, it is the perfect closing system for drinking water and other liquids that require protection from contamination and evaporation. A steel roof also protects against all weather conditions. The roof consists of lightweight, easy-to-handle panels that can be linked together to create a watertight roof. The steel roof is provided with two hatches as standard to allow access to the tank.

### ENPI-float

The ENPI-float or Airfloat is a floating cover made from polypropylene. The surface of the cover is covered with small, air-filled bubbles, which give the cover a high degree of buoyancy. The top layer of the cover is white, which reflects UV rays. This reduces heating of the water in areas with high levels of sunlight.



PRODUCERS FROM THE VERY BEGINNING 



TENSIONED ANTI ALGAE COVER



FLOATING ANTI ALGAE COVER



GALVANIZED STEEL COVER



ENPI-FLOAT

| COVER TYPE         | UV PROTECTION | WATER PERMEABLE | DUST AND DIRT PROTECTION*** | INSIDE USE | OUTDOOR USE | SUITABLE $\varnothing$ **  |
|--------------------|---------------|-----------------|-----------------------------|------------|-------------|----------------------------|
| Tensioned AA cover | ●●●●          | ●●●●●           | ●●●●                        | ●●●●●      | ●●●●**      | $\leq \varnothing$ 22,86 m |
| Floating AA cover  | ●●●           | ●●●●●           | ●●●                         | *          | ●●●●●       | $\geq \varnothing$ 8,23 m  |
| Steel cover        | ●●●●●         | *               | ●●●●●                       | *          | ●●●●●       | $\leq \varnothing$ 14,63 m |
| ENPI Air float     | ●●●●          | ●●●●●           | ●●●                         | *          | ●●●●●       | $\leq \varnothing$ 22,86 m |

\* Does not apply \*\* Ask your dealer \*\*\* Depending on area / application



# SUSTAINABILITY

## FILM SOLUTIONS IN A SUSTAINABLE WAY

**Our mission is to make a contribution** to the sustainability of the planet with our films and welding operations. Our durable and innovative film solutions replace less durable products in agricultural, water and environmental applications. But in our day-to-day operations we also attach a high degree of importance to sustainable choices. What environmentally friendly decisions we make each and every day?

### Let the sun shine

The roofs of our buildings are equipped with over 350 solar panels, producing in an average year well over 55% of our own consumption. This even includes the charging of our electric vehicles! Indeed, all NPI representatives drive electric vehicles where NPI has 6 electric vehicle charging points. We have opened a few of them for neighbours as well!

### Get a smaller waste container

All lining material factory waste is separated by specific type of material and supplied back to the raw materials suppliers. The material is recycled at the source and partially reused in our new lining materials. Due to the long lifetimes and reusability of our materials no waste will be wasted and in time becomes a public bench, bridge or a marking on the road. NPI strives to use only durable and reusable packing materials, wasting as less as possible.

### Leave the light ON

NPI has changed all traditional lights into LED lights, mostly with motion sensors. Upgrading lights to LEDs is one of the quickest and easiest ways to reduce carbon emissions.

NPI continuously strives to make choices that have less impact on nature. Contributing to a better world, a better tomorrow.

OVER 65 YEARS OF EXPERIENCE 



### A piece of history

In 1957 the founder of NPI started with welding hula hoops, garbage bags and other plastic products in his garage. Within no time, NPI grew to become a specialized and international film welding company. We specialize in lining and water storage solutions, producing and exporting metal tanks and excavated basins all over the world. With our 150 years of combined experience and reliability, thousands of our water tanks have found their way into many different industries worldwide. Since 2000 we also supply horticultural products to the professional horticulture sector at home and abroad.





# MARKETS

## CUSTOMIZED SOLUTIONS FOR DIFFERENT MARKETS

Either it concerns horticulture, agriculture, aquaculture, process water, manure storage, emergency water or drinking water, a reliable supply of good quality water is crucial.

Our solutions serve in various markets and assure high quality, safe and durable water storage. With more than 65 years of experience, we have in-depth knowledge of various water markets. We know for different markets what requirements for water storage should be met.

Our focus is on efficiency, saving on costs, security and the customers needs. The water storage solutions are made to measure and come in a wide range of sizes, making them suitable for any facility. To whatever market our solutions finds their way, it applies to all that our customers don't have to be concerned with their water storage system and can focus on their business. And even more important: our customers benefit from low maintenance (costs) and a water tank with a long lifetime.



**HORTICULTURE**



**AGRICULTURE**



**AQUACULTURE**



**INDUSTRY**



**FIRE FIGHTING**



**CIVIL ENGINEERING**





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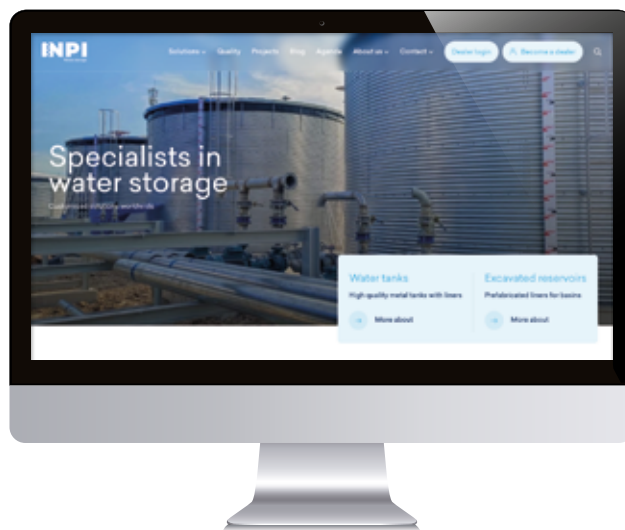
 **60** COUNTRIES WORLDWIDE

### INTERESTED IN CONTRIBUTING TO OUR SOLUTIONS?



NPI supplies local markets across the globe via an extensive dealer network. Our dealers are based in more than 60 countries worldwide, which means we are never far away. NPI continues to expand this network, which means we are always looking for potential new partners. We support our dealer network with our service, knowledge and expertise.





## EXTEND YOUR VISIT

 [LINKEDIN.COM/COMPANY/NPI-BV](https://www.linkedin.com/company/npi-bv)  [NPIWATERSTORAGE.COM](https://www.npiwaterstorage.com)  [FACEBOOK.COM/BVNPi](https://www.facebook.com/BVNPi)



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