



Well made. Well priced.

# Catalog

PVCU casing pipes, screens, and accessories for water wells





# About us

Well Stream Sp. z o.o. is a leading manufacturer and distributor of well casing pipes, screens (filters), and accessories, established in Poland in May 2022. We are committed to providing our customers in Europe, Africa, and Asia with the highest quality well system products at competitive prices.

Our products are manufactured using state-of-the-art techniques, cutting-edge equipment, and premium-grade materials. We strictly adhere to international quality and hygiene standards, as well as the ISO 9001:2015 framework, to ensure the reliability of our products.

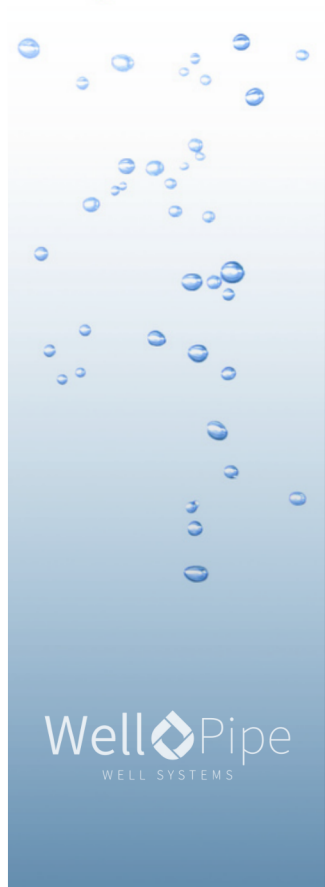
We work in cooperation with Şanlı Pipe, a renowned leading manufacturer of uPVC pipes and filters in Turkey. This collaboration enables us to offer our clients worldwide the assurance of receiving top-notch products that meet the most stringent quality requirements.

At Well Stream, we prioritize customer satisfaction and strive to exceed expectations at every step. We are dedicated to building long-lasting partnerships and providing exceptional value to our clients.

# Why choose Well Stream & PVCU?

The WellPipe PVCU Well System solutions by Well Stream are popular in deep wells and drilled wells due to their numerous advantages:

- ▶ **Durability:** They are highly durable and resistant to corrosion, chemicals, wear, and pressure. Our WellPipe PVCU pipes and filters have quality certifications for crushing and internal pressure tests.
- ▶ **Lightweight:** They are significantly lighter than other materials such as steel or concrete, facilitating easier transportation and installation.
- ▶ **Longevity:** They have a lifespan of typically 50 years or more and require less maintenance over time
- ▶ **Recyclable:** They are suitable for recycling, making them an environmentally friendly choice for well construction. Our WellPipe pipes and filters are a lifelong investment for households, agricultural areas, municipalities, construction sites, and the environment
- ▶ **Cost-Effective:** They are generally cheaper than other materials, making them a cost-effective choice. Our WellPipe offers guarantee the most cost-effective and high-quality well system solutions.
- ▶ **Easy Installation:** They are easy to install and require minimal equipment, saving time and money during installation.
- ▶ **UV Resistance:** They have high UV resistance, allowing for outdoor use without the risk of quality deterioration.
- ▶ **Safe for Drinking Water:** They are suitable for use in wells intended for human consumption. Unlike other materials that may leach harmful chemicals into the water supply, PVCU pipes are made from material approved for use in drinking water systems by international regulatory agencies. Our WellPipe products are 100% risk-free and possess the necessary sanitary certificates in every country where Well Stream operates.



# Casing Pipes and Screens

All WellPipe products are approved for use in water supply systems. For the Polish and European markets, we offer blue pipes that are manufactured in accordance with EN, ISO, and PN-G-02323 standards and hold the Polish Hygiene Certificate issued by the National Institute of Health in Warsaw. In addition to standard walled pipes, we also provide thicker walled pipes produced according to our company's standard dimensions.



## Standard walled pipes and screens

nominal diameter DN	ext. diameter (mm)	PN 10		PN 12.5		PN 16	
		thickness wall (mm)	weight (kg/m)	thickness wall (mm)	weight (kg/m)	thickness wall (mm)	weight (kg/m)
100	113	4.20	2.30	5.30	2.50	6.60	3.10
115	125	4.80	2.60	6.00	3.30	7.40	4.00
125	140	5.40	3.30	6.70	4.10	8.30	5.00
175	200	7.70	6.70	9.60	8.30	11.90	10.20
200	225	8.60	8.50	10.80	10.50	13.40	12.90
250	280	10.70	13.10	13.40	16.30	16.60	19.90

### Lengths:

- The standard lengths for installation are 3m and 4m.

### Thread type:

- Pipes and filters are manufactured with trapezoidal threads

## Thick walled pipes and screens

ext. diameter (mm)	up to 100 m depth		up to 300 m depth	
	thickness wall (mm)	weight (kg/m)	thickness wall (mm)	weight (kg/m)
113	5.00	2.56	6.50	3.10
125	5.50	3.16	7.10	3.76
140	6.50	4.13	8.00	4.99
175	8.00	6.31	10.00	7.80
200	9.00	8.13	11.50	10.27
225	10.00	10.18	13.00	12.96
250	10.50	12.08	14.00	15.85
280	12.50	15.86	16.00	19.98

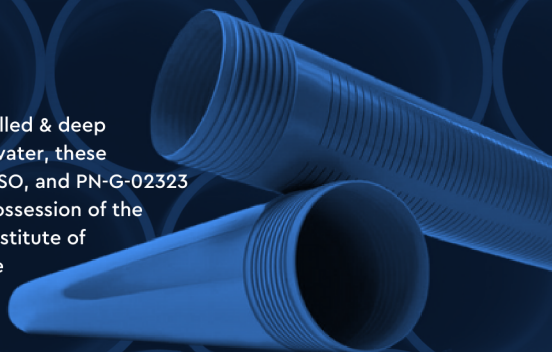
We manufacture pipes and filters in blue and gray colors.

Upon customer request, we can also produce pipes and filters with non-standard dimensions.

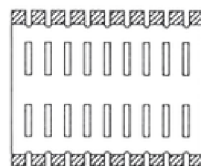
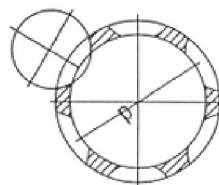
To prevent degradation caused by UV radiation and maintain structural integrity, PVCu pipes should be stored away from direct sunlight.

# Slotted screen pipes

WellPipe screens are an essential component in drilled & deep well systems. Designed to provide clean and safe water, these screens are manufactured in accordance with EN, ISO, and PN-G-02323 standards. With high-quality production and the possession of the Polish Hygiene Certificate issued by the National Institute of Health, WellPipe filters ensure reliable performance and peace of mind.



ext. diameter (mm)	number of slots	slot width 2mm	slot width 1mm
		open surface area of filters (%)	
113	5	12	8.5
125	5	12	8.5
140	5	12	7.5
175	5	11	7.5
200	5	11	7.5
225	6	11	7.5
250	6	11	7
280	6	10	7



○ The standard slot widths in slot filters are 1mm and 2mm.

## PVC ACCESSORIES FOR WELLS

### Well end caps

Well end caps are used to seal the end of a casing pipe or well screen, preventing the entry of contaminants and ensuring the integrity of the well system.



ext. diameter (mm)	height (mm)
113	227
125	240
140	257
175	295
200	322
225	348
250	370
280	410

- Trapezoidal threading
- Hygienic Certificates available

### Reduction pipes

The use of WellPipe threaded reduction pipes in water well systems allows for an efficient reduction in the diameter of the well while ensuring durable and tight connections.



ext. diameter (mm)	height (mm)	
	D1	D2
125	113	225
140	125	260
175	140	375
200	175	400
225	200	560
250	225	350
280	250	660

- Trapezoidal threading
- Hygienic Certificates available

## Where are Well Stream casing pipes and screens used?

Well Stream well casing pipes and screens are used in various applications, including drilled wells, boreholes, and other underground water supply systems. They are designed to withstand the challenging environmental conditions present in underground environments, such as exposure to chemicals, corrosion, and abrasion.

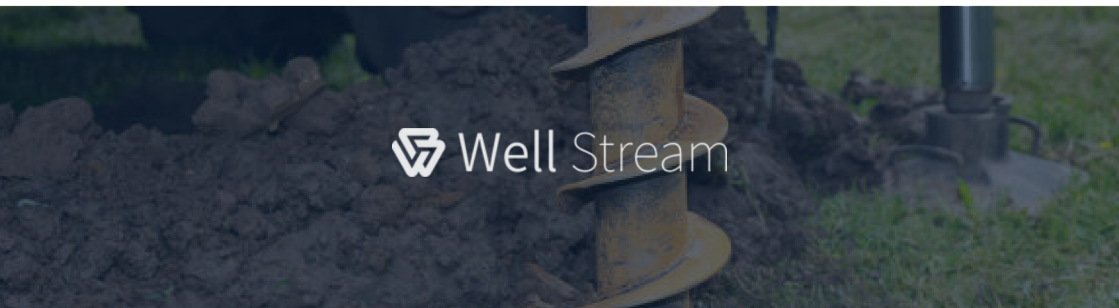




Well Stream PVCu well casing pipes are commonly used in boreholes and wells to transport water from underground water reservoirs to the surface for irrigation, drinking water, and other purposes.

Screens (filters) are used to prevent the ingress of sediment and other particles into drinking water, ensuring that the water remains clean and safe for consumption.

These products are also utilized in underground water supply systems, such as those used in mining or rural areas where access to municipal water networks is limited.



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