

Cartridges for water filter housings

Art. 9054 – 9055 - 9073 – 9074 – 9075 – 9079



100% MADE IN ITALY 

Function

The cartridges for Pintossi + C 3-piece filter housings are the ideal solution **for water filtration or treatment**, depending on the specific requirements of the installation.

The housings where the cartridges are contained is transparent to allow an easy inspection of the content and **is built in non-toxic material**, totally eligible for using with drinking water and **compliant to D.M. 25/2012**.

The wide range of cartridges available in the catalogue allows for meeting most water filtration and treatment needs, according to the specific requests.

In particular, the cartridges can perform the following functions:

- **combat specific agents** that are dangerous to human health
- **remove sediments** presents in the water;
- **improve the quality of the water** intended for drinking;
- **protect the components** within the hydraulic system.

Product range

Art. 9054	5" - 7" - 10"
Art. 9055	5" - 7" - 10"
Art. 9073	5" - 7" - 10"
Art. 9074	5" - 7" - 10"
Art. 9075	7" - 10"
Art. 9079	7" - 10"

Technical specifications

Fluids:	Water
Working temperature:	1-45°C

Materials

ART.9054-9055

Body:	SAN
Caps:	SAN
Felt pad:	PU 45
Gaskets:	Synthetic mousse

ART.9073

Thread:	Virgin propylene
Core:	Polypropylene

ART.9074

Mesh:	Poliestere
Fitting and washers:	Polypropylene
Gaskets:	PE EVA

ART.9075

Mesh and washers:	Polypropylene
Gaskets:	PE EVA

ART.9079

Thread:	Virgin polypropylene
Fitting and washers:	Polypropylene
Gaskets:	PE EVA

Dimensions

ART.	5"	7"	10"
9054	72	72	72
9055	72	72	72
9073 mini	53	-	-
9073	57	57	57
9074	61	61	61
9074 mini	53	-	-
9075	-	65	65
9079	-	72	72

The data are expressed in mm and refer to the external diameter of the cartridge

The cartridges for the filtration of the water are divided mainly according to the filter medium or the filtration degree and the possibility to re-use them or not. They are available in the following options:

ART. 9054

The cartridge consists of a transparent, non-toxic container filled with **polyphosphate crystals to prevent limescale formation**.

The action of the polyphosphate inhibits the formation of calcium and magnesium carbonate crystals, preventing them from aggregating and depositing inside the components of the water system. **The cartridge has a filtration rating of 60 microns.**

The action of this cartridge provides several benefits, such as:

- **Greater efficiency** of systems and appliances, and reduced energy consumption;
- **Reduced malfunctions and breakdowns**;
- **Removal of scale** buildup in pipes;
- **Reduced halos and stains** on surfaces caused by limescale.



The duration of the crystal charge is approximately 12 months, which may vary depending on usage. Installing a pre-filter to protect the cartridge is recommended.

ART. 9055

The cartridge consists of a transparent, non-toxic container filled with **granular activated coconut shell carbon**.

The action of the activated carbon is ideal for filtering sediments and reducing chlorine taste and odor, unpleasant tastes, and volatile organic compounds, with a filtration rating of **70 microns**.

The lifespan of the activated carbon charge may vary from 3 to 6 months, depending on usage.

Installing a pre-filter to protect the cartridge is recommended.



ART. 9073

It's a throw-away filter cartridge specific for mechanical filtration, consisting of **100% resistant polypropylene fibers** wound on a PP core and various filtration rates: **5 micron - 20 micron - 50 micron**.

PP filtering cartridges have **excellent potable water chemical compatibility** and are particularly suitable to be used for **sediments removal** in various domestic applications.

ART. 9074

The cartridge is made of a **polyester** mesh and a washable **polypropylene** core with a filtration rating of **60 microns**. The cartridges are manufactured without the use of adhesives or sealants, and the polyester mesh is directly molded onto the rigid polyethylene structural support.

Washable cartridges are particularly suitable for use in a **pre-filtration stage to remove larger sediments** in various domestic applications.

Thanks to their geometry, they ensure a **uniform water flow with minimal pressure loss**.

ART. 9075

It's a **carbon block filter** cartridge designed for highly effective filtration of water for certain pesticide, chlorine, odor and sediment reduction down to **5 microns**. These cartridges, using the properties of the **extruded coconut carbon**, are also very effective for filtering Spavin and Cryptosporidium cysts from potable and industrial water.

In domestic system can be used for removing chlorine, odours and unpleasant taste and to improve the taste of water.

In industrial system can be used for removing Organic and chemical contaminants.







ART. 9079

The cartridge is made of **polypropylene** and **granular activated carbon**.

This cartridge provides **a dual function**: filtration with a rating of up to **20 microns** and chemical treatment of the water.

It is suitable for the removal of sediments and the reduction of chlorine, unpleasant odors, and tastes.

FUNCTION SUMMARY

	9054	9055	9073	9074	9075	9079
						
FUNCTION						
FILTRATION [MICRON]	60	70	5-20-50	60	5	20
LIMESCALE FORMATION PREVENTION	X					
REDUCTION OF CHLORINE TASTE AND UNPLEASANT ODORS		X			X	X
REDUCTION OF ORGANIC VOLATILE COMPOUNDS		X		X		
SEDIMENT FILTRATION			X	X	X	X
FILTRATION AND PESTICIDE REDUCTION					X	
FILTRATION OF SPAVIN AND CYPTOSPORIDIUM BACTERIA					X	

Installation

The **quick-connect** cartridges for mechanical filtration or water treatment allow for easy and intuitive installation inside Pintossi+C filter housings.

It is recommended to install a pre-filter to protect cartridges art. 9054-9055.

Flow rates

ART.	FILTRATION [micron]	5" [l/h]	7" [l/h]	10" [l/h]
9054	60	115	160	230
9055	70	115	160	230
9073 mini	20	800	-	-
9073	5	400	850	950
9073	20	770	1200	1350
9073	50	800	1700	1900
9074 mini	60	1000	-	-
9074	60	1200	1750	2500
9075	5	-	210	300
9079	20	-	400	600

The data are expressed in liters/hour

Maintenance

It's recommended to carry regular maintenance operations to verify the correct functioning of the filter housing and of the various cartridges and the level of the components inside, by taking action for the substitution if required.

POLYPHOSFATE CRYSTALS CARTRIDGES

The cartridge art. 9054 has an average life, based on the type of use, of approximately 12 months.

GRANULAR ACTIVATED CARBON CARTRIDGES

The cartridge art. 9055 has an average life, based on the type of use, of approximately 3-6 months.

THROW AWAY CARTRIDGES

Throw away cartridges art. 9073 - 9075 - 9079 have an average lifetime, depending on the use, which can vary from 3 to 6 months.

WASHABLE CARTRIDGES

It's recommended to clean washable cartridges art.9074 once per month to grant a correct functioning. The lifetime, depending on the use, is about 24 months.

Precautions

The manufacturer is not liable for any damage caused to persons, animals, or property resulting from improper use or use not in accordance with the provided instructions. The manufacturer is also exempt from any liability in the specific cases listed below:

- Partial or total failure to follow installation and maintenance instructions.
- Incorrect working temperature.
- Pressure surges beyond the allowed limits or water hammer.
- Use of non-original parts.
- Negligence in routine or extraordinary maintenance

Fluid characteristics

Reference standard for water treatments in heating systems is Norm UNI 8065:2019 which regulates the parameters that must be observed to avoid scale and corrosion phenomena.

In order to grant product warranty, the fluid characteristics must comply with the rules in force in the country of relevance or at least present features not less to the ones prescribed by the Norm UNI 8065:2019.

In particular, minimum standards necessary but not sufficient to control are the following:

Fluid aspect: Limpid

PH: Between 7 and 8

Iron (FE): < 0,5 mg/kg (< 0,1 mg/kg for steam)

Copper (CU): < 0,1 mg/kg (< 0,05 mg/kg for steam)

Antifreeze: Passivated Propylene Glycol

Conditioning: as indicated by the producer

In any case when using antifreeze and conditioning solutions, is required to control and verify the correct compatibility between these substances and the construction materials stated in Pintossi+C technical datasheet.