

Plastic Filter

Series PLXXX



Data-Sheet

DN 20 ($\frac{3}{4}$ ") – DN 80 (3")

Stand 02.2018



General

With a variety of filter elements, the all purpose plastic filters are made for a wide range of filtering applications, filtration degrees and are easy to install and maintain. They are constructed from high quality engineered-plastic materials providing excellent mechanical strength, durability and chemical resistance.

No tools are needed for the dismantling or removing the filter element from the housing in order to clean it from time to time.



General safety instructions



- To prevent accidents, the installation, connection and commissioning may only be carried out by authorized and qualified personnel.



Note:

1. The flush volume is added to the flow volume.
2. When installed in open air, the filter must be protected from frost.

Product-details

Model	PL020	PL025	PL025S	PL040	PL040S	PL050	PL050S	PL080	PL080FL
Inlet / Outlet	DN 20 (¾")	DN 25 (1")	DN 25 (1") Super	DN 40 (1½")	DN 40 (1½") Super	DN 50 (2")	DN 50 (2") Super	DN 80 (3") Thread	DN 80 (3") Flange
Working pressure	max. 10 bar								
Temperature	max. 60 °C								
Max. Flow	3 m³/h	5 m³/h	7 m³/h	15 m³/h	15 m³/h	25 m³/h	25 m³/h	50 m³/h	50 m³/h
Screen area	110 cm²	110 cm²	170 cm²	170 cm²	340 cm²	465 cm²	700 cm²	700 cm²	700 cm²
Weight empty (kg)	0,28	0,30	0,52	0,76	1,0	3,6	4,2	4,5	4,5
Filtration degree	50, 80, 100, 130, 200, 300, 500, 800 µm								
Materials									
Filter housing	Poly-acetal	Poly-propylene	Poly-acetal	Poly-acetal	Poly-acetal	Polyamide GlassFibers	Polyamide GlassFibers	Polyamide GlassFibers	Polyamide GlassFibers
Filter lid	Poly-acetal	Poly-propylene	Poly-acetal	Poly-acetal	Poly-acetal	Polyamide GlassFibers	Polyamide GlassFibers	Polyamide GlassFibers	Polyamide GlassFibers
Seals	NBR								
Screen type	Stainless steel, Weave Wire Screen								
Construction	Polypropylene					Polypropylene + Glass Fibers			

GEFA Certificates

ISO 9001 - OHSAS 18001 - ISO 14001

Zusätzlich zum Qualitätsmanagementsystem **ISO 9001** hat die GEFA Processtechnik GmbH jetzt auch für die Bereiche Arbeitsschutz (**OHSAS 18001**) und Umweltmanagement (**ISO 14001**) ein sichtbares Zeichen:



Die **OHSAS 18001** und **ISO 14001** Zertifizierungen sind weltweit anerkannte Standards mit dem Fokus auf Personenschutz, Arbeitssicherheit, Gesundheitsvorsorge und Umweltschutz.