

Explore the World of
Hydro Systems International

HYDRO SYSTEMS

Hydro-Pleat™

PLEATED POLYESTER PARTICULATE FILTER CARTRIDGES 8100 series

Increased filter area provides superior dirt-holding capacity in a cleanable media.

Provides ultra-low clean pressure drop.

A series of 10" and multi-length cartridges manufactured from polyester microfiber media. A wide range of sizes and filtration efficiency ratings provides numerous options for continuous protection of plumbing, appliances, and equipment in residential, commercial, and industrial applications.

Media may be cleaned and re-used in most applications. For cold water use only.

Materials of construction meet USFDA requirements for food and beverage use.

Micron rating is marked on each cartridge for easy identification.

Custom lengths and filtration ratings are available.

STANDARD 2-3/4" OD

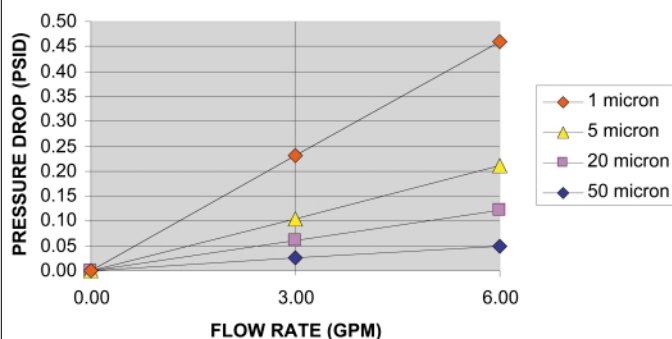


JUMBO 4-1/2" OD



DIFFERENTIAL PRESSURE vs. FLOW RATE

Test results using 10" length 2-3/4" OD cartridges,
in clean water at 70°F



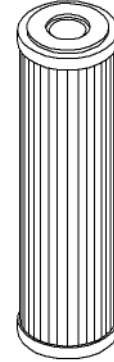
PLEATED -PARTICULATE FILTER CARTRIDGES SPECIFICATIONS & PERFORMANCE

STANDARD SERIES 2-3/4" OD

<i>model</i>	<i>nominal length</i>	<i>rated flow</i>
8100-98/XX	9-3/4"	6 gpm
8100-20/XX	20"	12 gpm
8100-30/XX	30"	18 gpm
8100-40/XX	40"	24 gpm

JUMBO SERIES 4-1/2" OD

<i>model</i>	<i>nominal length</i>	<i>rated flow</i>
8100J-98/XX	9-3/4"	10 gpm
8100J-20/XX	20"	20 gpm



Where "XX" is the nominal filtration rating and can be:

"XX"	rating
01	1 μ
05	5 μ
20	20 μ

"XX"	rating
50	50 μ
75	75 μ

SPECIFICATIONS

operating temperature range:	40-100° F (4-38° C)
materials of construction:	polyester media polypropylene core & netting vinyl plastisol end caps
dimensions:	2-3/4" OD x 1.06" ID x specified length, or 4-1/2" OD x 1.06" ID x specified length
filter media area:	4 square feet (10" length, 2-3/4" OD cartridges) 26 square feet (10" length, 4-1/2" OD cartridges)
recommended ΔP for change-out:	30 psid max.



**HYDRO SYSTEMS
INTERNATIONAL**

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