

### SGC Series

#### Sediment Grooved Cartridges

- ✓ 100% Pure Polypropylene
- ✓ Made with FDA CFR 21 approved material
- ✓ Grooved for larger filtration area
- ✓ NSF standard 42, 61 & 372 certified



#### HYDRONIX SGC SERIES SEDIMENT GROOVED CARTRIDGES

are a reliable and economical solution for pre-filtration in many applications. Typically utilized for pre-filtration in Reverse Osmosis systems and post filtration in GAC filters, Hydronix SGC Cartridges with their grooved design offer a larger filtration area for longer life and larger filtration capacity.

#### HYDRONIX SGC SERIES SEDIMENT GROOVED CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SGC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

SGC SERIES SPECIFICATIONS									
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron	Case Qty	Box Dimension (inches)	Weight (lbs)	Weight (kgs)	
<b>10"</b>	SGC-25-1001	2.5" x 9 7/8"	0.6 psi at 5 gpm (.04 bar at 19 L/min)	1	40	13 x 11 x 21	15	6.80	
	SGC-25-1005	2.5" x 9 7/8"	0.4 psi at 5 gpm (.03 bar at 19 L/min)	5	40	13 x 11 x 21	15	6.80	
<b>20"</b>	SGC-25-2001	2.5" x 20"	0.6 psi at 10 gpm (.04 bar at 38 L/min)	1	20	13 x 11 x 21	15	6.80	
	SGC-25-2005	2.5" x 20"	0.4 psi at 10 gpm (.03 bar at 38 L/min)	5	20	13 x 11 x 21	15	6.80	
<b>30"</b>	SGC-25-3001	2.5" x 30"	0.4 psi at 15 gpm (.03 bar at 57 L/min)	1	20	13 x 11 x 31	22.5	10.21	
	SGC-25-3005	2.5" x 30"	0.3 psi at 15 gpm (.02 bar at 57 L/min)	5	20	13 x 11 x 31	22.5	10.21	
<b>40"</b>	SGC-25-4001	2.5" x 40"	0.3 psi at 20 gpm (.02 bar at 76 L/min)	1	20	13 x 11 x 41	30	13.61	
	SGC-25-4005	2.5" x 40"	0.3 psi at 20 gpm (.02 bar at 76 L/min)	5	20	13 x 11 x 41	30	13.61	



## SGC SERIES

Sediment Grooved Cartridges  
Data Sheet

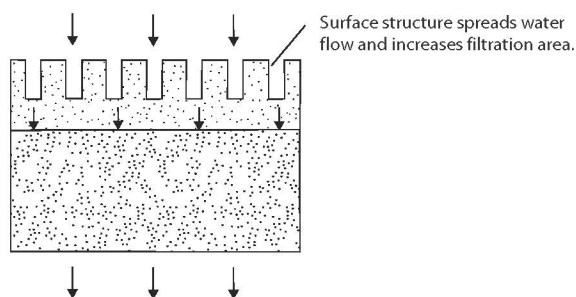
### Materials of Construction

Filter Media:	Polypropylene
Temperature Range:	40 °F to 145 °F (4.4 °C to 62.8 °C)

### Operating Data

Max. operating temperature:	145 °F (63 °C)
Max. pressure drop:	69°F (20°C) 46.4 psi (3.2 kg/cm <sup>2</sup> )
Recommended replaceable pressure drop:	21.75 psi (1.5 kg/cm <sup>2</sup> )
Temperature range:	40 °F to 145 °F (4.4 °C to 62.8 °C)
Maximum flow:	2-8 gpm (Depending on micron rating)

### Flow Detail



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COMPONENT

### Product Applications

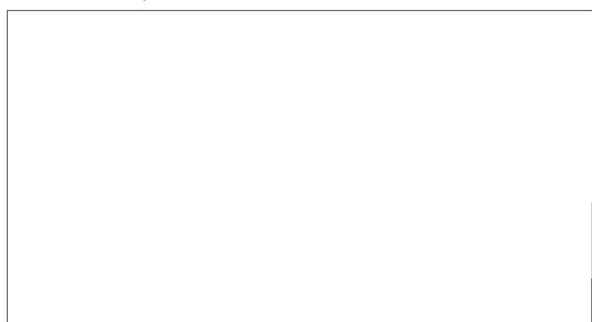
- Food and beverage processing
- Pre-filter for DI and RO water filtration systems
- Pre-filtration for manufacturing and water recycling



**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

\* Special lengths and diameters available.

### Distributed by:



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