



## SPC Series

### Polyester Pleated Cartridges

- ✓ Manufactured from durable Polyester
- ✓ Made with FDA CFR 21 approved material
- ✓ Bacteria and chemical resistant
- ✓ Washable and reusable

#### HYDRONIX SPC SERIES POLYESTER PLEATED CARTRIDGES

are manufactured from durable polyester to provide you with a superior pleated cartridge that is washable and reusable. The Polyester media is pleated around a Polypropylene core for added strength and the ends are immersed in a thermosetting Vinyl Plastisol which fuses the three components together forming a unified end cap and gasket. The cartridges are bacteria and chemical resistant and provide great dirt holding capacity to extend the time between cartridge change outs.

#### HYDRONIX SPC SERIES POLYESTER PLEATED CARTRIDGES

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

FDA / USP Material Safety Compliance - All materials comply with FDA requirements for food and beverage contact per CFR Title 21 174.5, 177.1520 and 177.1630. All components meet USP Class VI Plastics.

2.5" DIAMETER SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SPC-25-1001	2.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	40	13 x 11 x 21	14	6.35
	SPC-25-1005	2.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	40	13 x 11 x 21	14	6.35
	SPC-25-1010	2.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	40	13 x 11 x 21	14	6.35
	SPC-25-1020	2.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	40	13 x 11 x 21	14	6.35
	SPC-25-1030	2.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	40	13 x 11 x 21	14	6.35
	SPC-25-1050	2.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	40	13 x 11 x 21	14	6.35
20"	SPC-25-2001	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 21	14	6.35
	SPC-25-2005	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 21	14	6.35
	SPC-25-2010	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	20	13 x 11 x 21	14	6.35
	SPC-25-2020	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	20	13 x 11 x 21	14	6.35
	SPC-25-2030	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	20	13 x 11 x 21	14	6.35
	SPC-25-2050	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	20	13 x 11 x 21	14	6.35
30"	SPC-25-3001	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	20	13 x 11 x 31	18	8.16
	SPC-25-3005	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	20	13 x 11 x 31	18	8.16
	SPC-25-3010	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	20	13 x 11 x 31	18	8.16
	SPC-25-3020	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	20	13 x 11 x 31	18	8.16
	SPC-25-3030	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	20	13 x 11 x 31	18	8.16
	SPC-25-3050	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	20	13 x 11 x 31	18	8.16
40"	SPC-25-4001	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 41	23	10.43
	SPC-25-4005	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 41	23	10.43
	SPC-25-4010	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	20	13 x 11 x 41	23	10.43
	SPC-25-4020	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	20	13 x 11 x 41	23	10.43
	SPC-25-4030	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	20	13 x 11 x 41	23	10.43
	SPC-25-4050	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	20	13 x 11 x 41	23	10.43

# SPC SERIES

Polyester Pleated Cartridges  
Data Sheet

## 4.5" DIAMETER SPECIFICATIONS

	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SPC-45-10-0.2	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	0.2 Absolute	12	14 x 10 x 21	12	5.44
	SPC-45-1001	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	12	14 x 10 x 21	12	5.44
	SPC-45-1005	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	12	14 x 10 x 21	12	5.44
	SPC-45-1010	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	12	14 x 10 x 21	12	5.44
	SPC-45-1020	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	12	14 x 10 x 21	12	5.44
	SPC-45-1030	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	12	14 x 10 x 21	12	5.44
20"	SPC-45-1050	4.5" x 9 3/4"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	12	14 x 10 x 21	12	5.44
	SPC-45-2001	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	6	14 x 10 x 21	12	5.44
	SPC-45-2005	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	6	14 x 10 x 21	12	5.44
	SPC-45-2010	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	6	14 x 10 x 21	12	5.44
	SPC-45-2020	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	6	14 x 10 x 21	12	5.44
	SPC-45-2030	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	6	14 x 10 x 21	12	5.44
	SPC-45-2050	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	6	14 x 10 x 21	12	5.44

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

### Materials of Construction

Filter Media: Non-woven Polyester  
End Caps: Vinyl Plastisol  
Core: Polypropylene

### Temperature Rating

Temperature Range: 40°F to 125°F (4.4°C to 51.7°C)

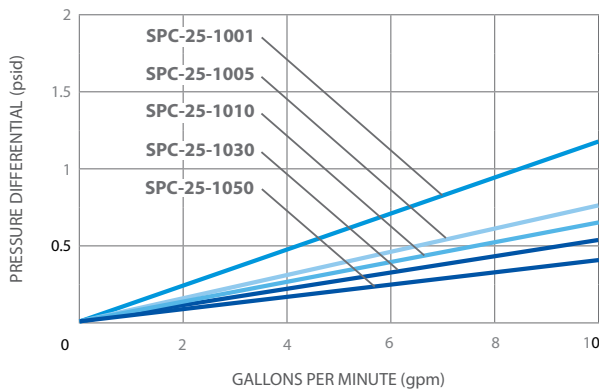
### SPC Series Flow Rates

Microns	2.5" x 10"	2.5" x 20"	4.5" x 10"	4.5" x 20"
1	4	8	15	30
5	7	14	20	40
10	7	14	20	40
20	8	16	20	40
30	8	16	20	40
50	10	20	20	40

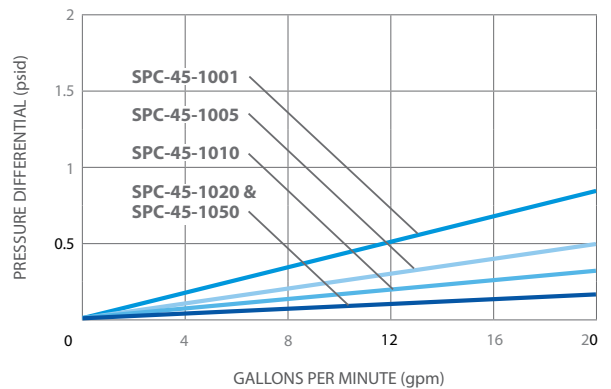
Flow Rates in gpm.

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

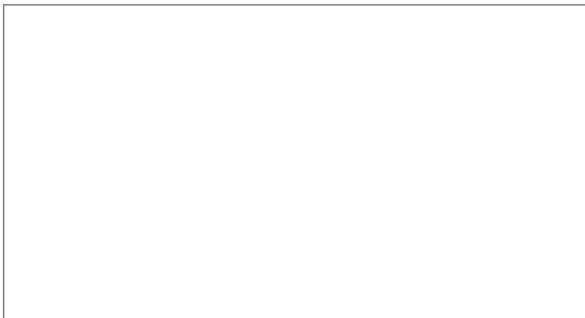
### SPC Performance



### SPC Performance



### Distributed by:



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