

SP Mesh Packs

East Coast Filter's SP Series Mesh Packs are manufactured out of 304SS, 316SS or Carbon Steel wire mesh construction. Our complete line of SP Mesh Pack Discs are manufactured with the highest quality wire mesh and are all cut to size using a calibrated stamp punch process to ensure accurate and consistent dimensions.

The SP Series Mesh Packs are available in a single layer wire mesh and can be manufactured using up to ten different layers. Multiple layers are spot welded together to maintain OD Tolerance.

Features

- **Materials -** 304 SS, 316SS and Carbon Steel Wire Mesh
- **Layers -** Available in a single layer, dual layer and more, based on application requirements. (Multiple layers are spot welded together)
- **Filtration -** 10 U.S. Mesh through 2500 U.S. Mesh
- **Size -** 1" to 12" OD, Custom Sizes Available

Applications

- In Line Filtering
- Aggressive or High Temperature
- Last Chance Filter
- Vacuum Pump Protection
- Injection Molding Process
- Plastics Recycling
- PVC and Other Fine Dust Transfer Lines
- Inks, Coatings and Adhesives

Ordering Information

Model	Mesh (Micron)						Material	Diameter
	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6		
SP	10 (2000)	Blank = None	Blank = None	Blank = None	Blank = None	Blank = None	4S = 304 SS	1 = 1.0" O.D
	12 (1680)	10 (2000)	10 (2000)	10 (2000)	10 (2000)	10 (2000)	6S = 316 SS	1.5 = 1.5" O.D
	14 (1410)	12 (1680)	12 (1680)	12 (1680)	12 (1680)	12 (1680)		2 = 2.0" O.D
	18 (1000)	14 (1410)	14 (1410)	14 (1410)	14 (1410)	14 (1410)		2.5 = 2.5" O.D
	20 (840)	18 (1000)	18 (1000)	18 (1000)	18 (1000)	18 (1000)		3 = 3.0" O.D
	25 (710)	20 (840)	20 (840)	20 (840)	20 (840)	20 (840)		3.5 = 3.5" O.D
	30 (590)	25 (710)	25 (710)	25 (710)	25 (710)	25 (710)		4 = 4.0" O.D
	35 (500)	30 (590)	30 (590)	30 (590)	30 (590)	30 (590)		4.5 = 4.5" O.D
	40 (420)	35 (500)	35 (500)	35 (500)	35 (500)	35 (500)		5 = 5.0" O.D
	45 (350)	40 (420)	40 (420)	40 (420)	40 (420)	40 (420)		5.5 = 5.5" O.D
	50 (297)	45 (350)	45 (350)	45 (350)	45 (350)	45 (350)		6 = 6.0" O.D
	60 (250)	50 (297)	50 (297)	50 (297)	50 (297)	50 (297)		6.5 = 6.5" O.D
	70 (210)	60 (250)	60 (250)	60 (250)	60 (250)	60 (250)		7 = 7.0" O.D
	80 (177)	70 (210)	70 (210)	70 (210)	70 (210)	70 (210)		7.5 = 7.5" O.D
	100 (149)	80 (177)	80 (177)	80 (177)	80 (177)	80 (177)		8 = 8.0" O.D
	120 (125)	100 (149)	100 (149)	100 (149)	100 (149)	100 (149)		8.5 = 8.5" O.D
	140 (105)	120 (125)	120 (125)	120 (125)	120 (125)	120 (125)		9 = 9.0" O.D
	200 (74)	140 (105)	140 (105)	140 (105)	140 (105)	140 (105)		9.5 = 9.5" O.D
	270 (53)	200 (74)	200 (74)	200 (74)	200 (74)	200 (74)		10 = 10.0" O.D
	550 (25)	270 (53)	270 (53)	270 (53)	270 (53)	270 (53)		10.5 = 10.5" O.D
	625 (20)	550 (25)	550 (25)	550 (25)	550 (25)	550 (25)		11 = 11.0" O.D
	1250 (10)	625 (20)	625 (20)	625 (20)	625 (20)	625 (20)		11.5 = 11.5" O.D
	2500 (5)	1250 (10)	1250 (10)	1250 (10)	1250 (10)	1250 (10)		12 = 12.0" O.D
		2500 (5)	2500 (5)	2500 (5)	2500 (5)	2500 (5)		

Examples: SP 60-40-6S-3.5 / SP 200-100-60-40-4S-6



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Mesh Type	Wire Diameter	Width of Opening	Percentage of Open Area
4 x 4	0.0350"	0.2150"	74.00%
6 x 6	0.0320"	0.1320"	62.40%
8 x 8	0.0280"	0.0970"	60.20%
10 x 10	0.0250"	0.0750"	56.30%
20 x 20	0.0140"	0.0360"	51.80%
30 x 30	0.0110"	0.0220"	44.90%
40 x 36	0.0090"	0.0160"	41.00%
50 x 40	0.0080"	0.012" / 0.017"	41.00%
50 x 246 Twin Warp	0.0045" / 0.0045"	N/A	N/A
50 x 250 Plain Dutch	0.0055" / 0.0045"	N/A	N/A
60 x 50	0.0065"	0.0102" x 0.0135"	41.40%
80 x 70	0.0055"	0.0073"	22.80%
100 x 90	0.0045"	0.0055" / 0.0066"	32.60%
120 x 108	0.0035"	0.0050"	36.00%
150 x 140	0.0026"	N/A	N/A
165 x 800 Twilled Dutch	0.0028" / 0.0018"	N/A	N/A
200 x 190	0.0021"	N/A	33.60%
200 x 1400 Twilled Dutch	0.0028" / 0.0016"	N/A	N/A
325 x 325	0.0014"	N/A	30.00%