

HIGH CAPACITY FILTER CARTRIDGES

3M 740B Series



Technical Data

	Polypropylene
	150-300 l/min
	1 2 5 10 15 25 40 70
	70°C
	Max. 3,4 bar (742B: 2,4 bar)
	FDA Buna N (others available)
	16,5 cm
	100 cm
	FDA

The 3M High Flow Filter Cartridge, 740B which incorporates a radial pleat, puts an extraordinary amount of surface area into a single cartridge. This results in the following:

- High loading capacity for long life and lower cost filtration
- Fewer cartridges for fewer change-outs, thus less labour cost
- Fewer seals, reduced risk of by-pass, thus high quality
- Extremely low disposal costs, less than a tenth of some cartridges

Designed to fit in a range of vessels that holds from one to over 37 filters for a wide range of flow rates in competitively priced hardware.

Double O-ring seals in a variety of material options means:

- Extremely low risk of by-pass for high quality fluids
- No loose parts to assemble for easy installation, thus less labour cost
- Also, no springs and caps to lose reduces the risk of by-pass
- Broad chemical compatibility for many applications

Meltblown FDA compliant polypropylene microfibre filter media provides high particle removal efficiency for high quality filtration with broad chemical compatibility.

Convenient handle for easy manual or mechanical removal.

Model	Particle removal Efficiency (µm)					Differential pressure (mbar)			
	99%	95%	90%	75%	50%	4,54 m3/h	9,08 m3/h	13,6 m3/h	18,2 m3/h
742B	1	0,9	0,8	<0,7	<0,7	41,37	75,84	151,68	199,95
743B	2	1,1	0,9	0,7	<0,7	27,58	55,16	75,84	103,42
744B	5	2,5	1,7	1,5	1,1	13,79	27,58	34,47	48,26
745B	10	8	6	3,5	1,5	6,89	20,68	27,58	41,37
746B	15	9	8	6	4,0	6,89	13,79	20,68	27,58
747B	25	13	10	8	4,5	6,89	13,79	20,68	27,58
748B	40	24	19	13	8	5,52	11,03	17,24	22,75
749B	70	43	35	24	14	4,14	8,96	13,79	18,61