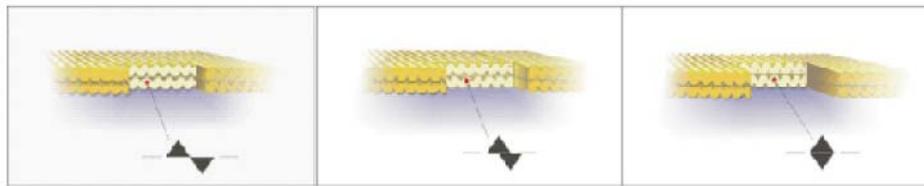


Disc Filter



Feature-tec Disc Filtration Systems operate using a specially designed disc filtration technology. Thin, color-coded polypropylene discs are diagonally grooved on both sides to a specific micron size. A series of these discs are then stacked and compressed on a specially designed spine. When stacked, the groove on top runs opposite to the groove below, creating a filtration element with a statistically significant series of valleys and traps for solids. The stack is enclosed in a corrosion and pressure resistant housing.



End use	Industry	Application
Cooling water	Plastic, Power, Metal & Steel, Textiles	Heat exchanger protection, Nozzel protection
Irrigation	Agriculture & Landscape	Nozzelprotection: Drippers, Mini Sprinklers & sprinklers etc...
Process Water	Aquaculture, Chemical & Petrochemical, Electronics, Food & Beverage, Metal & steel, Mining, Municipal, Plastic, Textiles	Nozzelprotection, Membranes, Cartridges Media filters protection
Waste water treatment & recycling	Aquaculture, Chemical & Petrochemical, Commercial and Public Institutes, Electronics, Food & Beverage, Municipal, Pulp & Paper	Nozzelprotection, Membranes, Cartridges Media filters protection



During the filtration process, the filtration discs are tightly compressed together by the spring's power and the differential pressure, thus providing high filtration efficiency. Filtration occurs while water is percolating from the peripheral end to the core of the element. Depending on the micron rating, there are from 18 (in 400 micron discs) to 32 (in 20 micron discs) stopping points in each track, thus creating the unique in-depth filtration.

Different colors express different micron

Color Code	Blue	Yellow	Red	Black	Brown	Green	Purple	Gray
micron	400	200	130	100	70	55	40	20

Feature-tec

Creation & Value

Disc Filter

Disc Filter Selection Table

Purity	Normal					Worse					Worst					Inlet and Outlet	Weight kg
	Grade	200μ	130μ	100μ	50μ	20μ	200μ	130μ	100μ	50μ	20μ	200μ	130μ	100μ	50μ		
Code	flow rate (M ³ /H)					flow rate (M ³ /H)					flow rate (M ³ /H)						
ILD _P 2-3	57	49.5	45	33	15	40	33	30	22	10	24	20.9	19	13	7	D100	98
ILD _P 2-4	76	66	60	44	20	54	44	40	30	14	32	28.6	26	18	10	D100	130
ILD _P 2-5	95	82.5	75	55	25	67	55	50	37	17	40	35.2	32	22	12	D150	162
ILD _P 4-3	224	193.6	176	128	60	160	132	120	88	40	96	82.5	75	52	28	D200	480
ILD _P 4-4	280	231	210	160	75	200	165	150	110	50	120	103.4	94	65	35	D200	635
ILD _P 4-5	374.1	323.3	293.9	214	100	267.2	220	200	147	66.8	160.3	137.8	125.3	86.8	46.8	D250	795
ILD _P 4-6	448	387.2	352	256	120	320	264	240	176	80	192	165	150	104	56	D250	955

Application

Pre-filtering of cleaning water	20μ
Pre-filtering of potable water, filtration of recycled water.	50μ
Filtration of recycled water, protection of ultrafiltration equipment	100μ
Filtration of recycled water, pre-filtering of industrial water	130μ
Sewage treatment	200μ

