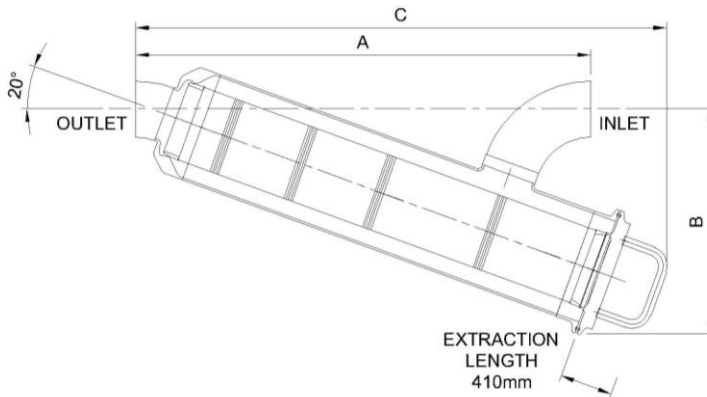


## 8403 - Pure Screen Filter – 100 Series – In Line



WEDGE WIRE AREA	
Screen Length (cm)	37.8
Screen dia. (cm)	7
Total Filter Area (cm <sup>2</sup> )	831
Micron Rating (µm)	Open area (cm <sup>2</sup> )
50	40
100	76
250	166
500	208
1,000	332
2,000	437

Nominal Size	Plain Ended			Clamp			RJT (M/M)			DIN (M/M)			IDF (M/M)			SMS (M/M)		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1"	379	209	487	422	209	509	422	209	509	437	209	516	422	209	509	409	209	394
1 ½"	396	210	490	439	210	512	439	210	512	462	210	523	439	210	512	436	210	416
2"	418	211	498	461	211	520	461	211	520	488	211	533	461	211	520	458	211	438
2 ½"	442	213	508	485	213	530	485	213	530	522	213	548	485	213	530	490	213	466
3"	488	225	536	531	225	558	531	225	558	578	225	581	531	225	558	536	225	512
4"	607	250	620	650	250	642	650	250	642	715	250	674	667	250	650	667	250	637

Technical Data	
Material:	316L Stainless Steel contact parts
Finish:	0.8µm Ra (external) / 0.4µm Ra (internal), other surface finishes available
Flow Rates:	Up to 40,000 l/hr at 1 Bar ΔP with pure water, depending on size, loading and pressure drop
Pressures:	Up to 10 bar operating pressure / 5 bar backflushing pressure Recommended maximum ΔP 4 bar
Operating Temperature:	Up to 250°C, dependent upon cap seal material
Cap Seal:	Viton® as standard (EPDM, silicone, nitrile, encapsulated or solid PTFE options available)
Standard Micron Ratings (µm):	50, 100, 250, 500, 1000, 2000 (nominal)
Process connections:	Clamp, Plain ended, RJT, IDF, DIN, SMS, BSP and flanged options available
Standard Connection Sizes:	1 ½", 2", 2 ½", 3" (other sizes available on request)
Clamp Closure:	316 Stainless Steel safety clamp fitted as standard to enhance plant safety.
Options:	Filters can be customised to meet customer requirements, including the addition of drain ports, jacketed options, multiplex systems
Notes:	Dimension Tolerance: ±10mm Flow rate will depend on size, loading and pressure drop
Available certification:	
Full materials certification, weld maps, logs, welder qualifications and weld procedures, pressure testing, surface finish, radiography, passivation and ferroxyl certification.	

D8403-V04/ECN3049

## CUSTOMISED STAINLESS STEEL SYSTEMS, FABRICATIONS AND COMPONENTS

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All data is provided in good faith and is subject to change