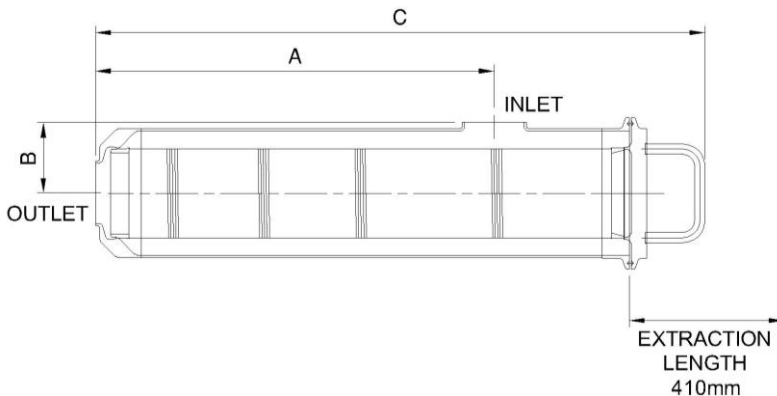


## 8401 - Pure Screen Filter – 100 Series – 90°



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"	314	56	490	335	77	511	336	78	512	343	85	519	335	77	511	329	71	505
1 ½"	314	56	490	335	77	511	336	78	512	347	89	523	335	77	511	334	76	510
2"	314	56	490	335	77	511	336	78	512	349	91	525	335	77	511	334	76	510
2 ½"	314	56	490	342	84	518	336	78	512	354	96	530	335	77	511	338	80	514
3"	314	56	490	342	84	518	336	78	512	359	101	535	335	77	511	338	80	514
4"	314	56	490	342	84	518	336	78	512	368	110	544	344	77	541	344	86	520

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.	

D8401-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