SS434 & SHS434
Filter Housing

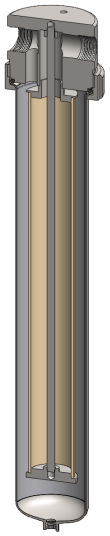
Materials	**316L Stainless Steel**
Pressure	**35 Bar**
Ports	**3/4" to 2"**
Element	**51.476.☐**

SS434 series filter housings are specified for 3/4", 1" or 2" line size applications up to 35 bar. For applications over 35 bar, higher pressure versions are available, see the SS435, SS436, and SS438 filter housings.

Standard housings have NPT ports and a Viton seal. Other seal types are available as an option. BSPT and BSPP port types are also available.

The housings are free from welds and comply with NACE MR-01-75 and are CE marked in accordance with PED 2014/68/EU.

These housings can also be supplied in a wide range of exotic materials, such as Hastelloy, Monel, Titanium etc.



Technical Specifications

Housing Model	**SS434.521**	**SS434.621**	**SHS434.721**	**SHS434.821**
Port Size	3/4" NPT	1" NPT	1&1/2" NPT	2" NPT
Drain	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Maximum Pressure, Bar (1)	35	35	35	35
Maximum Temperature, ºC (2)	200	200	200	200
Materials of Construction (3)				
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS
Seal (4)	Viton	Viton	Viton	Viton
Filter Element Code (5)	51.476.☐	51.476.☐	51.476.☐	51.476.☐
Adsorber Cartridge Code (6)	51.476.AD☐	51.476.AD☐	51.476.AD☐	51.476.AD☐
Principal Dimensions in mm				
Diameter	110	110	140	140
Height	638	638	655	655
Volume, cc	2450	2450	2510	2510
Weight, kg	8.9	8.9	11.3	11.3
Accessories				
Support Core	SC.SS43	SC.SS43	SC.SS43	SC.SS43
Mounting Bracket	MB.SS42	MB.SS42	MB.SS42	MB.SS42

Notes

(1) Above 200ºC the pressure rating is reduced, consult us for the exact rating at any specific temperature

(2) Maximum temperature 200ºC using standard seal. For temperatures up to 324ºC use a Chemraz seal

(3) Material abbreviations, 316L SS = 316L Stainless Steel

(4) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = .N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SS434.521.T)

(5) Replace the ☐ with the grade required, e.g. 51.476.5CK, 51.476.S20V, 51.476.T20

(6) Replace the ☐ with the type required, e.g. 51.476.AD01

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