

# SS435 & SHS435

## Filter Housing

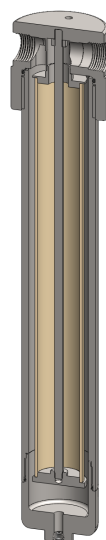
<b>Materials</b>	<b>316L Stainless Steel</b>
<b>Pressure</b>	<b>1500 psi</b>
<b>Ports</b>	<b>1" to 2"</b>
<b>Element</b>	<b>51.476.□</b>

SS435 series filter housings are specified for 1" line size applications up to 1500 psi. The SHS435 series are for 1½" and 2" applications and are designed to have a full bore flow path to give higher flow rates. For applications over 1500 psi, high pressure versions are available, see the SS436 and SS438 filter housings.

Standard housings have NPT ports and Viton seals. 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	SS435.621	SS435.641	SHS435.721	SHS435.741	SHS435.821	SHS435.841
Port Size	1" NPT	1" NPT	1½" NPT	1½" NPT	2" NPT	2" NPT
Drain	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT
Maximum Pressure, psi (1)	1500	1500	1500	1500	1500	1500
Maximum Temperature, °F (2)	390	390	390	390	390	390
<b>Materials of Construction (3)</b>						
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Seal (4)	Viton	Viton	Viton	Viton	Viton	Viton
Filter Element Code (5)	51.476.□	51.476.□	51.476.□	51.476.□	51.476.□	51.476.□
Adsorber Cartridge Code (6)	51.476.AD□	51.476.AD□	51.476.AD□	51.476.AD□	51.476.AD□	51.476.AD□
<b>Principle Dimensions in inches</b>						
Diameter	4.35	4.35	7.10	7.10	7.10	7.10
Height	14.50	14.50	25.30	25.30	25.65	25.65
Volume, cc	2350	2350	2450	2450	2450	2450
Weight, lbs	35.85	35.85	61.60	61.60	68.20	68.20
<b>Accessories</b>						
Support Core	SC.SS43	SC.SS43	SC.SS43	SC.SS43	SC.SS43	SC.SS43
Mounting Bracket	MB.SS42	MB.SS42	MBSHS42	MBSHS42	MBSHS42	MBSHS42

### Notes

- (1) Above 390°F the pressure rating is reduced, consult us for the exact rating at any specific temperature
- (2) Maximum temperature 390°F using standard seal. For temperatures up to 615°F use a Chemraz seal
- (3) Material abbreviations, 316L SS = 316L Stainless Steel
- (4) Add suffix for other seal types, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SS435.621.N)
- (5) Replace the □ with the grade required, e.g. 51.476.SCK, 51.476.S20V, 51.476.T20
- (6) Replace the □ with the type required, e.g. 51.476.AD01



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