

Strainer SF 305

PVC-U and PVC-C

Reduces interruptions of operations by removing impurities

Materials:

Housing

- PVC-U grey
- PVC-U transparent
- PVC-C grey

Filter mesh

- PVC-U

Sealings

- EPDM
- FPM

Technical data:

Pressure stage¹⁾

See table stated below as well as pressure/temperature diagram on page 2.

Operating temperature

Depends on the operating conditions (system pressure, load etc.). Taking creep strength into account, the following approximate temperatures apply:

- PVC-U - 10 up to +60 °C
- PVC-C 0 up to +80 °C
- EPDM - 30 up to +80 °C
- FPM - 30 up to +80 °C

Connection

- DN 15 up to DN 50 with spigot ends for solvent welding acc. to DIN/ISO
- DN 65 up to DN 100 with socket ends for solvent welding acc. to DIN/ISO

Filter mesh:

Mesh size approximately 0.5 mm. Other mesh sizes on request. PVC-C execution without filter mesh, ident No. for the filter mesh see ASV price list.

Direction of flow

Direction of flow always in direction of arrow.

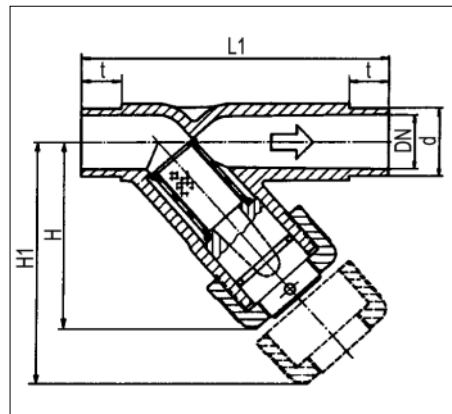


spigot ends for solvent welding
DN 15 up to DN 50

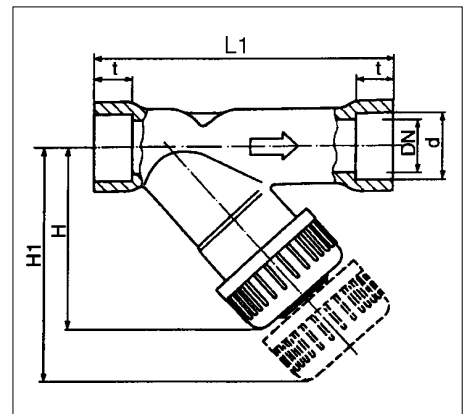


socket ends for solvent welding
DN 65 up to DN 100

spigot ends execution
DN 15 up to DN 50



socket ends execution
DN 65 up to DN 100

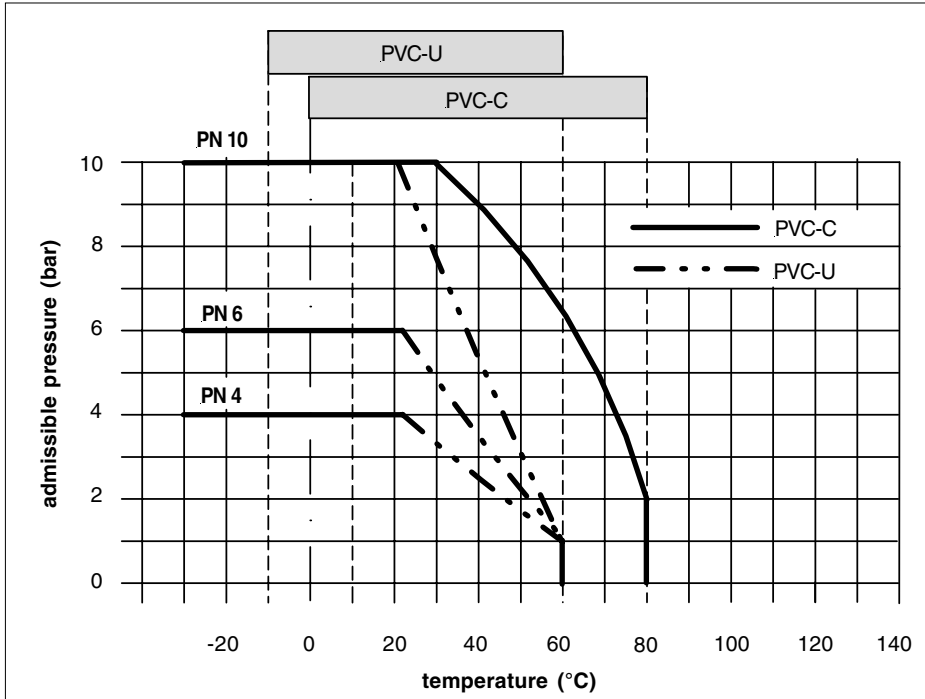


size			H		H1	L1	t	PVC-U grey			PVC-U transparent			PVC-C grey		
d	DN	inch	PVC-U	PVC-C				PN	EPDM	FPM	PN	EPDM	FPM	PN	EPDM	FPM
			mm	mm	mm	mm	mm	bar	Ident No.	Ident No.	bar	Ident No.	Ident No.	bar	Ident No.	Ident No.
20	15	1/2	75	65	125	124	16	10	69908	62380	10	130559	130565	10	130905	130911
25	20	3/4	80	76	145	144	19	10	69909	62381	10	130560	130566	10	130906	130912
32	25	1	90	90	165	154	22	10	67673	62382	10	130561	130567	10	130907	130913
40	32	1 1/4	110	104	190	174	26	10	69910	62383	10	130562	130568	10	130908	130914
50	40	1 1/2	128	124	210	194	31	10	69911	62384	10	130563	130569	10	130909	130915
63	50	2	150	148	240	224	38	10	69912	62385	10	130564	130570	10	130910	130916
75	65	2 1/2	179	-	300	243	44	10	54076	47419	6	61291	113116	-	-	-
90	80	3	192	-	325	262	51	6	54072	47420	4	113109	113117	-	-	-
110	100	4	231	-	385	325	61	6	45009	62902	4	47418	113118	-	-	-

¹⁾ for H₂O, 20 °C

Pressure/temperature diagram

(valid for non-dangerous fluids acc. DIN 2403)



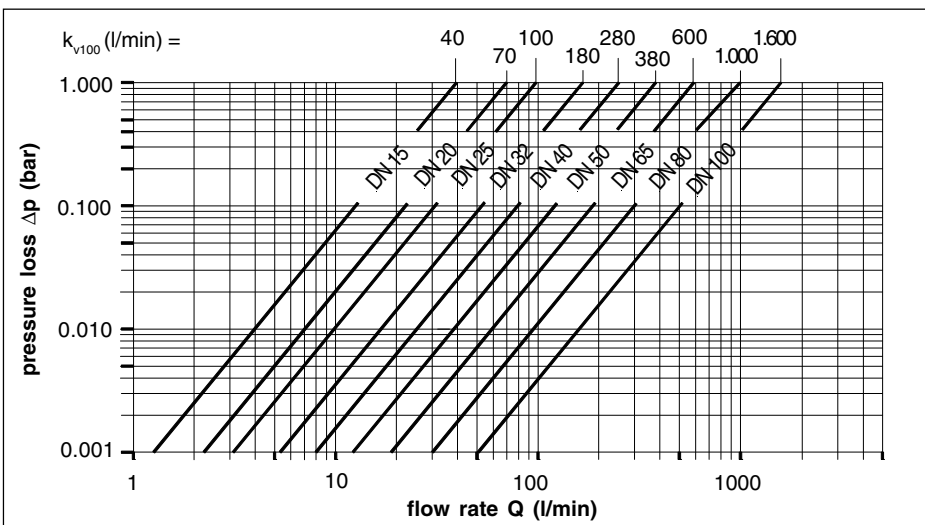
Pressure/temperature diagram

The values are a guide for harmless fluids (DIN 2403) the material of the valve is resistant against. The pressure/temperature limits are applicable for a computed operating life factor of 25 years at PN 10, 6 and 4.

Durability of wear and tear parts is depending on the operating conditions of the application.

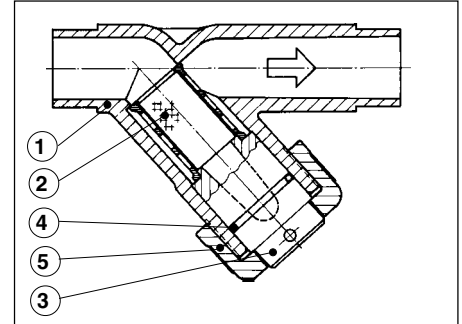
Values < 0 °C on request with exact data of operation.

Pressure loss curves SF 305 (standard value without filter mesh for H₂O, 20 °C)



Spare parts

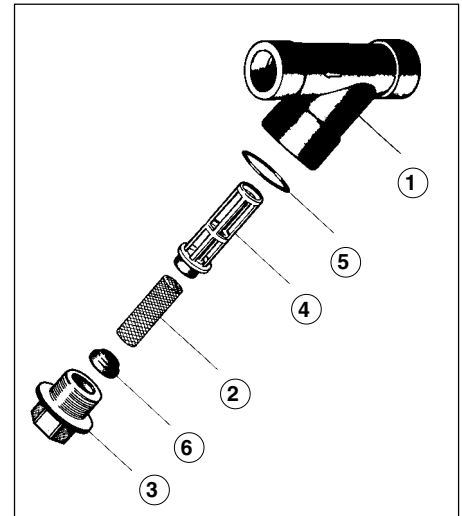
spigot ends execution
DN 15 up to DN 50



Part	Piece	Description
1	1	housing
2	1	filter mesh
3	1	plug
4	1	O-ring
5	1	union nut

Spare parts

socket ends execution
DN 65 up to DN 100



Part	Piece	Description
1	1	housing
2	1	filter mesh
3	1	bottom
4	1	filter retainer
5	1	housing sealing
6	1	supporting ring

Technical alterations excepted

Strainer SF 305

PP and PVDF

Reduces interruptions of operations by removing impurities

Materials

Housing:

- PP
- PVDF

Filter mesh:

- PP with PP mesh
- PVDF with PTFE mesh

Sealings:

- EPDM
- FPM

Technical data

Pressure stage¹⁾:

See table stated below as well as pressure/temperature diagram on page 2.

Operating temperature:

Depends on the operating conditions (system pressure, load etc.), the following approximate temperatures apply:

- PP +10 up to + 80 °C
- PVDF -30 up to +120 °C
- EPDM -30 up to +120 °C
- FPM -30 up to +120 °C
- PTFE -30 up to +120 °C

Values below 0 °C (PP < +10 °C) on request with exact data of operation.

Connection

- DN 15 up to DN 50 with spigot ends for fusion welding acc. to DIN/ISO
- DN 65 up to DN 100 with socket ends for fusion welding acc. to DIN/ISO

Filter mesh

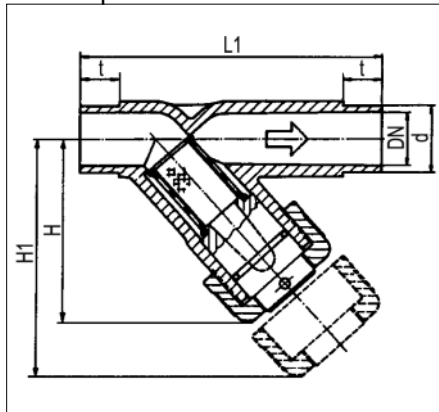
Mesh size approximately 0.5 mm. Other mesh sizes on request.

Mounting

Direction of arrow always in direction of flow.

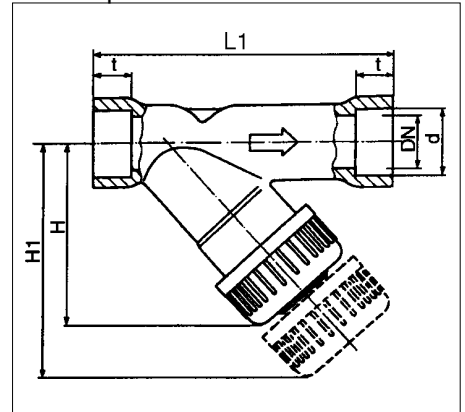
Dimensions

Spigot ends execution
DN 15 up to DN 50



Dimensions

Socket ends execution
DN 65 up to DN 100

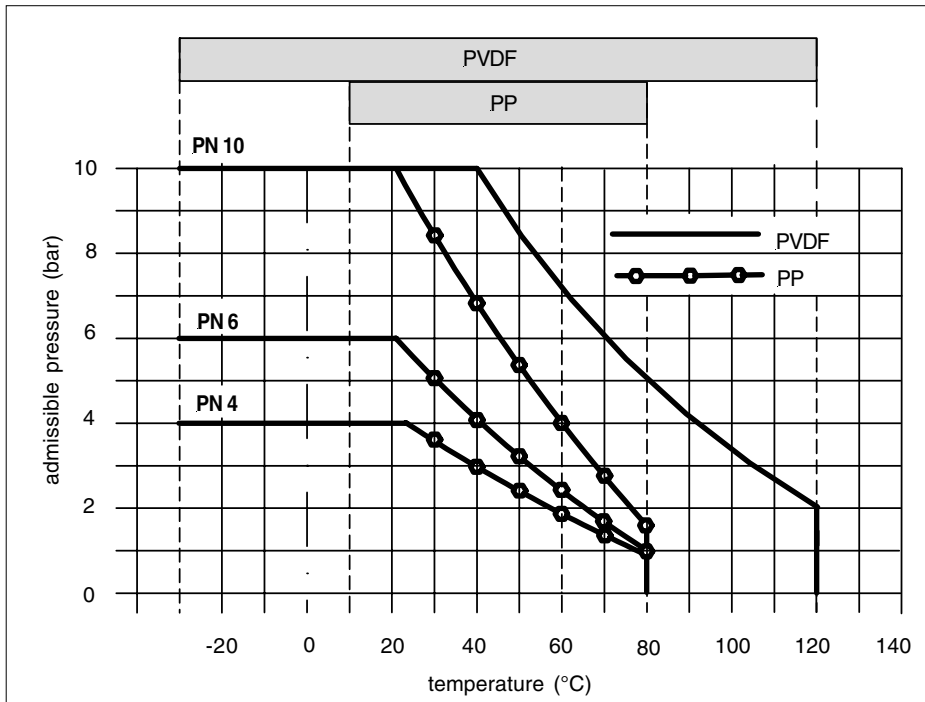


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size			H	H1	L1	t	weight (g)		PN	EPDM	FPM	PN	FPM
d	DN	inch					PP	PVDF					
20	15	1/2	75	125	124	14,5	84	156	10	112996	113006	10	113010
25	20	3/4	80	145	144	16,0	133	247	10	112997	113007	10	113011
32	25	1	90	165	154	18,0	200	371	10	112998	112272	10	112263
40	32	1 1/4	110	190	174	20,5	280	520	10	112999	113008	10	113012
50	40	1 1/2	128	210	194	23,5	420	780	10	113000	113009	10	113013
63	50	2	150	240	224	27,5	662	1229	10	113001	112273	10	113014
75	65	2 1/2	176	300	241	31,0	1580	-	6	-	59834	-	-
90	80	3	193	325	260	35,5	1920	-	4	-	54079	-	-
110	100	4	229	385	323	41,5	3000	-	4	-	69833	-	-

¹⁾ for H₂O at 20 °C

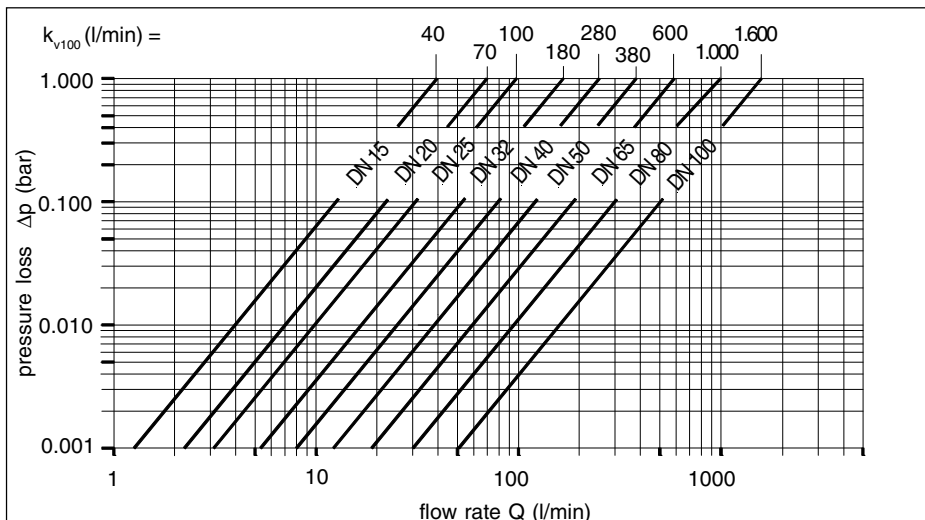
Pressure/temperature diagram
(valid for non-dangerous fluids acc. to DIN 2403)



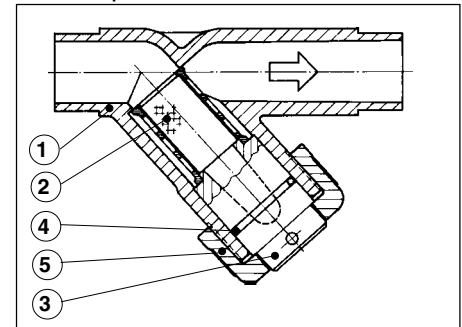
Pressure/temperature diagram

The values are a guide for harmless fluids (DIN 2403) the material of the valve is resistant against. The pressure/temperature limits are applicable for a computed operating life factor of 25 years at PN 10, PN 6 and PN 4. Durability of wear and tear parts is depending on the operating conditions of the application. Values below 0 °C (PP < +10 °C) on request with exact data of operation.

Pressure loss curves SF 305
(standard value without filter mesh for H₂O at 20 °C)

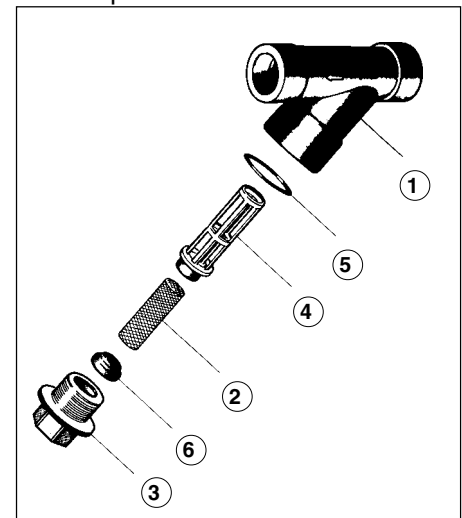


Spare parts
spigot ends execution
DN 15 up to bis DN 50



Item	Qty.	Description
1	1	housing
2	1	filter mesh
3	1	plug
4	1	O-ring
5	1	union nut

Spare parts
socket ends execution
DN 65 up to DN 100



Item	Qty.	Description
1	1	housing
2	1	filter mesh
3	1	bottom
4	1	filter retainer
5	1	housing sealing
6	1	supporting ring

Technical alterations excepted