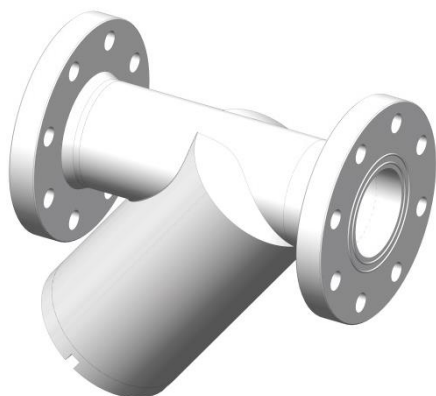
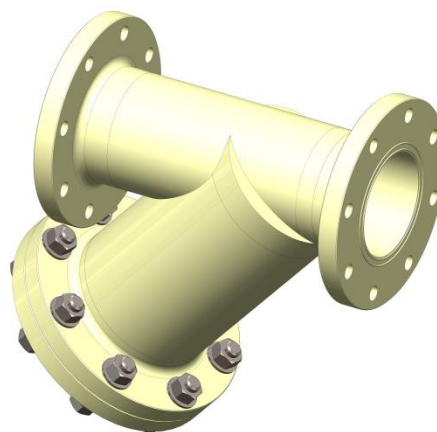


Y STRAINER - 2 WAY – FLANGED VERSION DN65 (2"1/2) to DN200 (8") – PP-H, PVDF

Conform to the 2014/68/EU Directive



DN65 to DN80 –PVDF



DN100 to DN200 – PP-H

MAIN FEATURES

- Solid Machine-Welded Strainer.
- Centring of the filter cage allowing an easy positioning.
- Face to Face in accordance with EN 558-1.
- Mesh in PP-H or ETFE in 0.4, 0.8, 1 or 2mm size.
- Tailor-made strainers available, Contact us.

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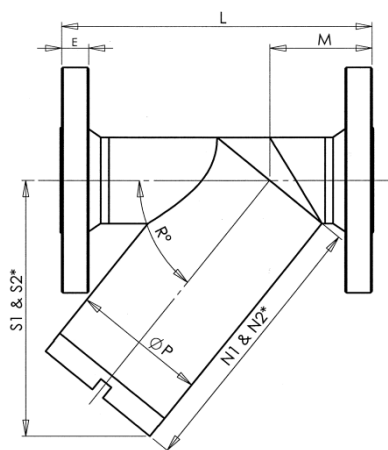
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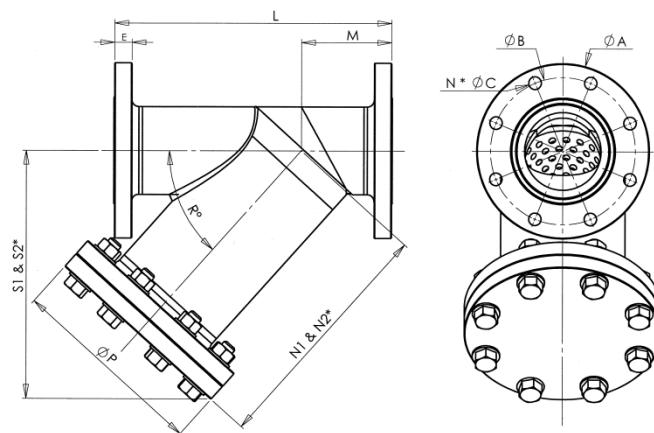
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DIMENSIONS



DN65 to DN80



DN100 to DN200

DN	ØA	DIN		ANSI		E	L	M	N1*	N2*	ØP	R°	S1*	S2*
		ØB	N x ØC	ØB	N x ØC									
65	185	145	8 x 18	139,4	4 x 19,1	25	290	101	245	418	140	52	236	329
80	200	160	8 x 18	152,4	4 x 19,1	25	310	116	245	420	140	52	236	357
100	220	180	8 x 18	190,5	8 x 19,1	25	350	114	355	650	285	53	368	553
125	250	210	8 x 18	215,9	8 x 22,4	25	400	130	352	645	285	48	356	520
150	285	240	8 x 22	241,3	8 x 22,4	30	480	149	394	729	340	50	412	619
200	340	295	8 x 22	298,5	8 x 22,4	30	600	178	501	796	445	52	531	931

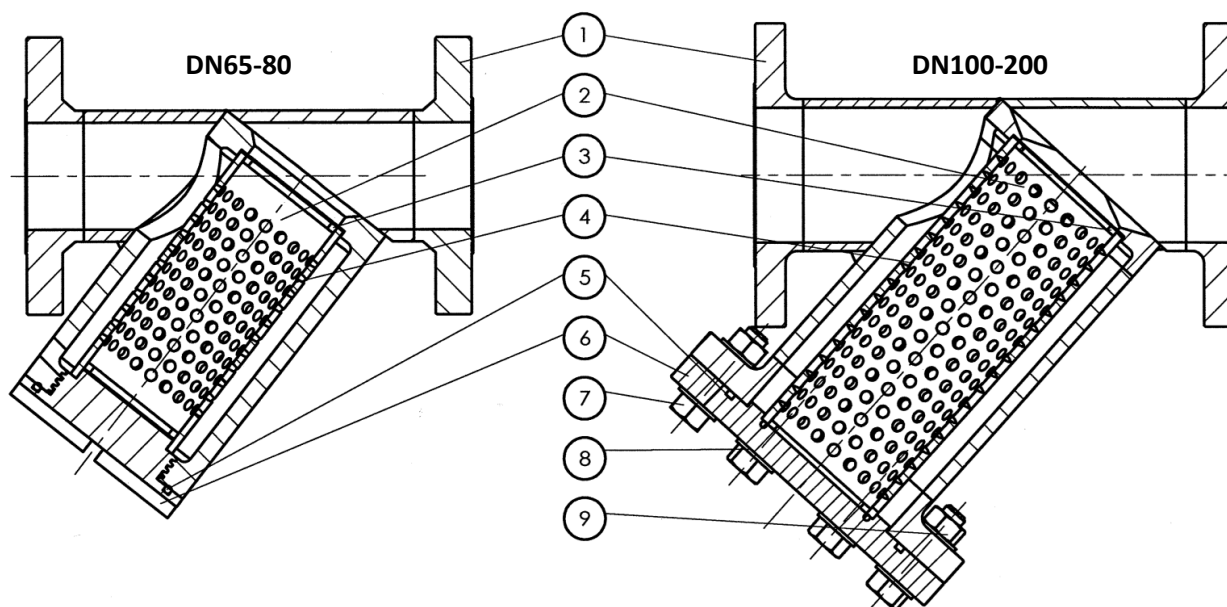
DIN = Drilling in accordance with EN 1092-1 PN10/PN16

ANSI = Drilling in accordance with EN1759-1/ASME B16.5 Class 150

(*): N1 and S1: Dimensions of strainer with closed cage, N2 and S2: Necessary dimensions for the disassembly of the filtering component

d mm	DN mm	DN inch	Weight (kg)	
			PP-H	PVDF
75	65	2 1/2"	3,5	6
90	80	3"	4	6,5
110	100	4"	10	16
140	125	5"	10,5	17
160	150	6"	15	26
225	200	8"	27	47,5

PARTS LIST

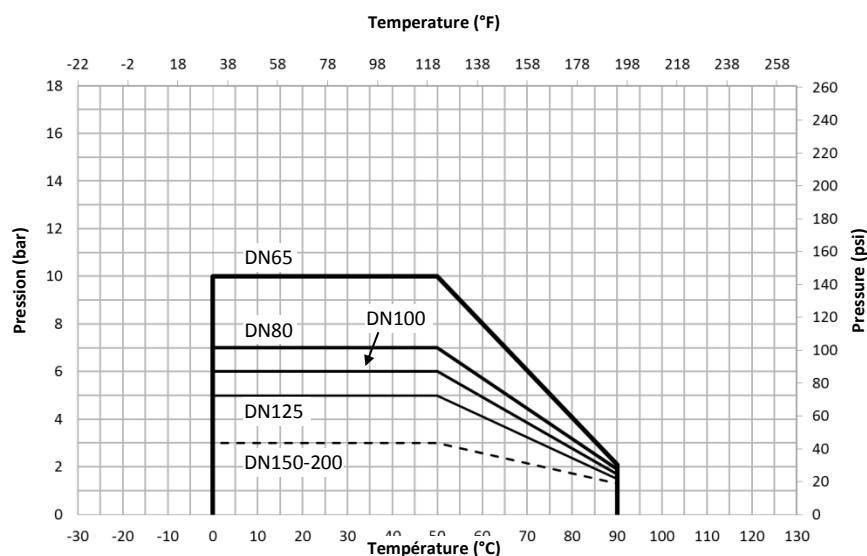


N°	Qty	Description	Material
1	1	DIN Body ANSI Body	PVDF/PP-H
2	1	Cage	PVDF/PP-H
3	2	Seal Ring	PVDF/PP-H
4	1	Mesh 0,4mm	PP-H
		Mesh 0,8mm	ETFE
		Mesh 1,0mm	PP-H
5	1	Cover O-ring	FPM/EPDM
6	1	Cover	PVDF/PP-H
7	-	Screw	SS 304
8	-	Washer	SS 304
9	-	Nut	SS 304

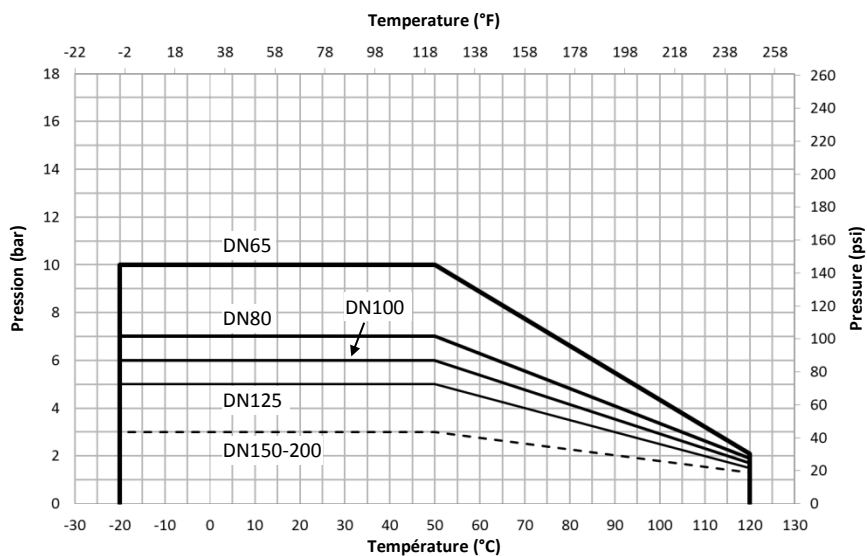
Drilling of Cage:

- DN65-80 : Ø8 mm holes
- DN100-125 : Ø10 mm holes
- DN150-200 : Ø15 mm holes

PRESSURE / TEMPERATURE CURVES



PP-H



PVDF

Pressure/Temperature Summary

DN	WORKING PRESSURE (in bars at 20°C)	
	PP-H	PVDF
65	10	10
80	7	7
100	6	6
125	5	5
150	3	3
200	3	3

OPERATING TEMPERATURE	
PP-H	PVDF
0°C to + 90°C	-20°C to +120°C

PRESSURE LOSS

DN	Kv (m ³ /h)
65	35,6
80	58,3
100	98,9
125	150,0
150	202,5
200	333,0

Pressure Loss given for a clean Strainer (absence of clogging, even partial or in-significant)

Our valves are guaranteed for an average fluid velocity in the pipeline of ≤ 2 m/s. Please contact us with the working conditions for any higher speed.

Kv defined according to NF EN 1267
(0,8mm Mesh)

CHEMICAL RESISTANCE

The chemical resistance of the valve is subject to the type of fluid, the temperature, the pressure, as well as the materials and seals of the valve.

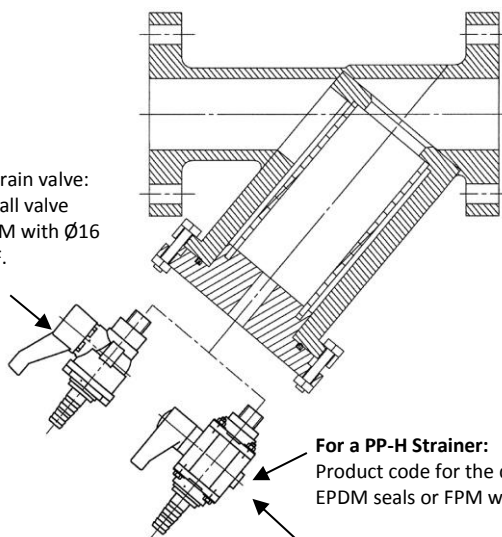
Please contact us to have a personalized analysis of the resistance of one of our products to a given fluid

You can also consult, for information only, the table given in ISO 10358. However, this table cannot be considered as a recommendation by SAFI who could not be held liable for the use of this document.

OPTION: DRAIN VALVE AND DIFFERENTIAL PRESSURE TAPPING

For a PP-H Strainer:

Product code for the drain valve:
2008-00DJE/V: PPGF ball valve
with EPDM seals or FPM with Ø16
hosetail outlet in PPGF.

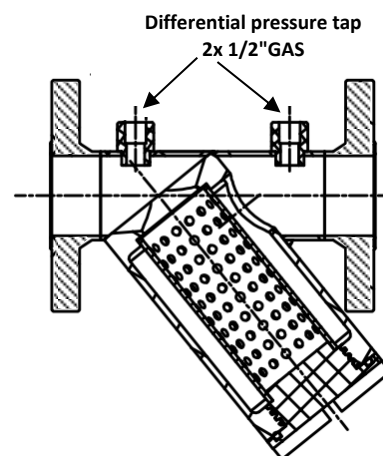


For a PP-H Strainer:

Product code for the drain valve: 1003-00DJE/V: PPGF ball with
EPDM seals or FPM with Ø16 hosetail outlet in PPGF.

For a PVDF Strainer :

Product code for the drain valve: 2027-00DJZ: PVDF ball valve
with FPM seals with Ø16 hosetail outlet in PPGF.



DETERMINING A PRODUCT CODE

TYPE	SPECIFICATION	DN	Flange Drilling	Seals	Dimension of Mesh	Material of Mesh
4570 : Y Stainer in PP-H 4580 : Y Strainer in PVDF	- = Standard	06 = DN65 07 = DN80 08 = DN100 09 = DN125 10 = DN150 11 = DN200	FF : Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) GG : Flange with drilling in accordance with EN1759-1/ASME B16.5 Class 150 (ANSI)	E = EPDM V = FPM (for type 4570) Z = FPM (for type 4580)	04 = 0,4mm Mesh 08 = 0,8mm Mesh 12 = 1,0mm Mesh	P = PP-H Mesh T = ETFE Mesh

Example : 4570-09FFE08P

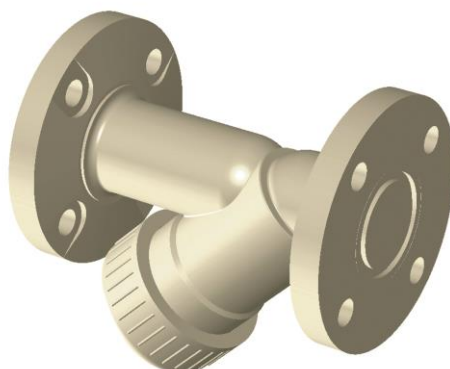
4570	-	09	FF	E	08	P
PP-H Y Strainer	Standard	DN125	Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN)	EPDM Seals	0,8mm Mesh	PP-H Mesh

Example : 4580-07GGE04T + 2027-00DJZ

4580-07GGE04T	+	2027-00DJZ
PVDF Y Strainer, DN80, Flanges with drilling in accordance with ASME B16.5 Class 150 (ANSI), EPDM seals, 0,4mm mesh in ETFE	+	PVDF ball valve with FPM seals with Ø16 hosetail outlet in PPGF

Y STRAINER – 2-Way – DN15 (1/2") to DN50 (2") PVC-U, PP-H, PVDF

Conform to the 2014/68/EU Directive



DN50 - PP-H – Flanged



DN50 – PVC-U – Double union



DN50 – PVDF – Double union

MAIN FEATURES

- Injected Strainer.
- ETFE Mesh, size 0.5mm (other mesh size available)
- Many connections available.

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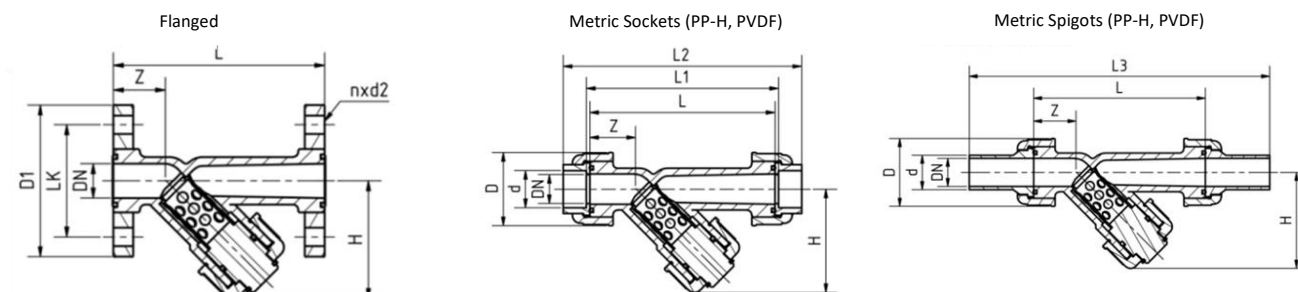
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DIMENSIONS

PP-H, PVDF VERSION



			Dimensions											
d	DN	DN	Z	H	L	L1	L2	L3	D	LK		D1		n x d2
mm	mm	inch	mm	mm	mm	mm	mm	mm	mm	DIN mm	ANSI mm	DIN mm	ANSI mm	mm
20	15	1/2"	36	115	130	140	168	238	42	65	60,3	95	88,9	4xØ14
25	20	3/4"	36	115	150	160	192	264	48	75	69,8	105	98,4	4xØ14
32	25	1"	41	126	160*	170	206	280	68	85	79,4	115	108	4xØ14
40	32	1 1/4"	45	160	180*	190	230	306	85	100	88,9	140	117,5	4xØ18
50	40	1 1/2"	51	174	200*	210	256	332	85	110	98,4	150	127	4xØ18
63	50	2"	60	209	230*	240	294	368	102	125	120,6	165	152,4	4xØ18

DIN = Drilling in accordance with EN 1092-1 PN10/PN16

ANSI = Drilling in accordance with EN1759-1/ASME B16.5 Class 150

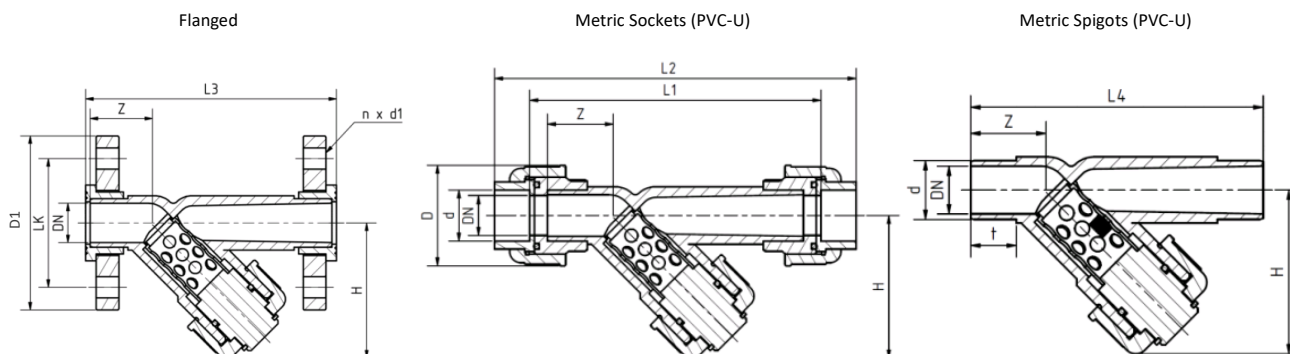
*PVDF Version : +0/-5mm Tolerance

d	DN	DN	PP-H			PVDF		
mm	mm	inch	Weight (Kg)			Weight (kg)		
			Flanged	Metric Sockets	Metric Spigots	Flanged	Metric Sockets	Metric Spigots
20	15	1/2"	0,30	0,12	0,13	0,40	0,24	0,25
25	20	3/4"	0,37	0,16	0,17	0,50	0,31	0,33
32	25	1"	0,50	0,22	0,24	0,68	0,42	0,45
40	32	1 1/4"	0,83	0,36	0,40	1,15	0,68	0,74
50	40	1 1/2"	1,10	0,51	0,60	1,51	0,94	1,10
63	50	2"	1,50	0,85	0,95	2,2	1,55	1,65

Standard Mesh: 0.5mm

(Available on Request: 0.25mm / 1.0mm / 2.0mm)

PVC-U, PVC-U Transparent Version



			DIMENSIONS												
d	DN	DN	Z	t	H	L1	L2	L3	L4	D	LK		D1		n x d1
mm	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	DIN mm	ANSI mm	DIN mm	ANSI mm	mm
20	15	1/2"	36	16	75	150	182	130	124	42	65	60,3	95	88,9	4xØ14
25	20	3/4"	36	19	80	170	208	150	144	48	75	69,8	105	98,4	4xØ14
32	25	1"	41	22	90	183	224	160	154	68	85	79,4	115	108	4xØ14
40	32	1 1/4"	45	26	110	209	256	180	171	85	100	88,9	140	117,5	4xØ18
50	40	1 1/2"	51	31	128	235	290	200	195	85	110	98,4	150	127	4xØ18
63	50	2"	60	38	150	270	342	230	226	102	125	120,6	165	152,4	4xØ18

DIN = Drilling in accordance with EN 1092-1 PN10/PN16

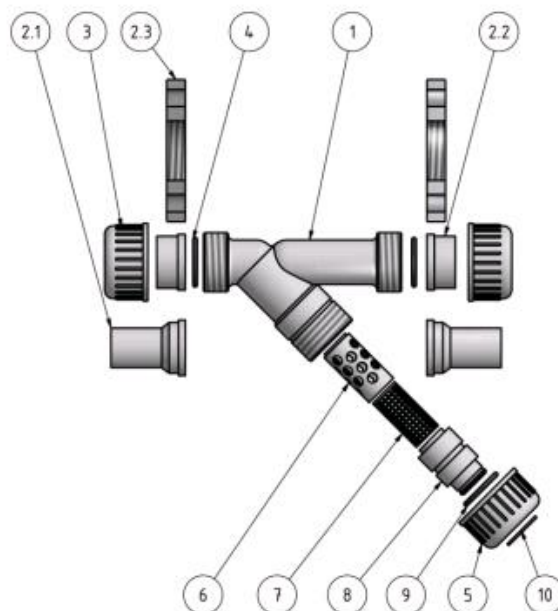
ANSI = Drilling in accordance with EN1759-1/ASME B16.5 Class 150

d	DN	DN	PVC		
mm	mm	inch	Weight (kg)		
			Flanged	Metric Spigots	Metric Sockets
20	15	1/2"	0,34	0,19	0,25
25	20	3/4"	0,42	0,21	0,30
32	25	1"	0,58	0,29	0,40
40	32	1 1/4"	0,96	0,48	0,68
50	40	1 1/2"	1,30	0,70	0,98
63	50	2"	1,90	1,26	1,60

Standard Mesh: 0.5mm

(Available on Request: 0.25mm / 1.0mm / 2.0mm)

PARTS LIST



N°	Description	Material
1	Body	PP-H, PVDF, PVC-U
2.1	Metric Spigot	PP-H, PVDF
2.2	Metric Socket	PVC-U, PP-H, PVDF
2.3	Flange	PVC/GFK
3	Connection nut	PP-H, PVDF, PVC-U
4	Seal	EPDM, FPM
5	Sleeve Nut	PP-H, PVDF, PVC-U
6	Cage	PP-H, PVDF, PVC-U
7	Sieve Mesh 0,5mm	ETFE (FEP)
8	Holder	PP-H, PVDF, PVC-U
9	Seal	EPDM, FPM
10	Spring-lock washer	PVC

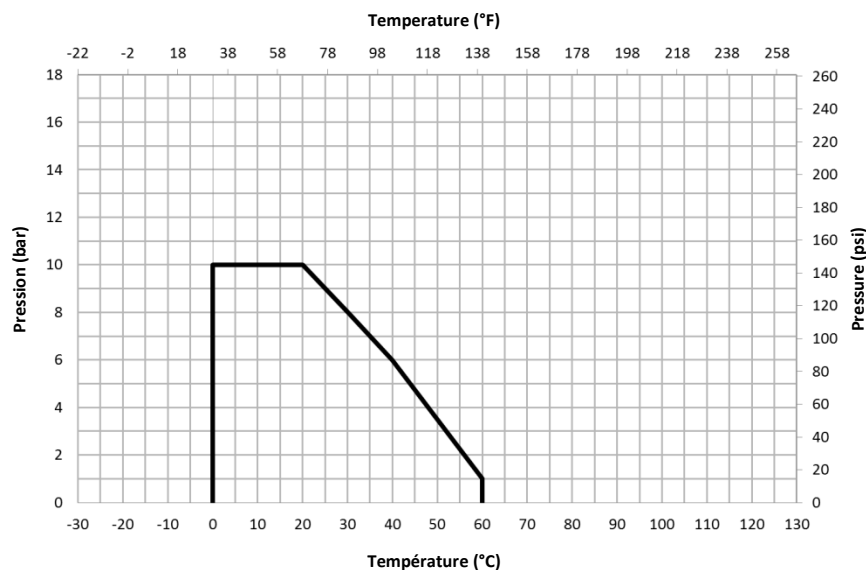
Assembly Instructions :

- Fit Seal (9) into the groove of the holder (8)
- Introduce the Sieve mesh (7) into the cage (6)
- Place the cage (6) in the holder (8)
- Insert assembled piece (6-9) into the body (1)
- Screw the sleeve nut (5) to the body and secure with the Spring lock Washer (10)
- Set up the connection nut (3) on the piping system
- Weld the sockets/ends to the piping (2.1, 2.2)
- Place Seals (4) in the body (1)
- Place the assembly on the piping (Caution: the installation must be done in the position of the above diagram.).
- Set the Strainer on the piping with the connection nuts (3)

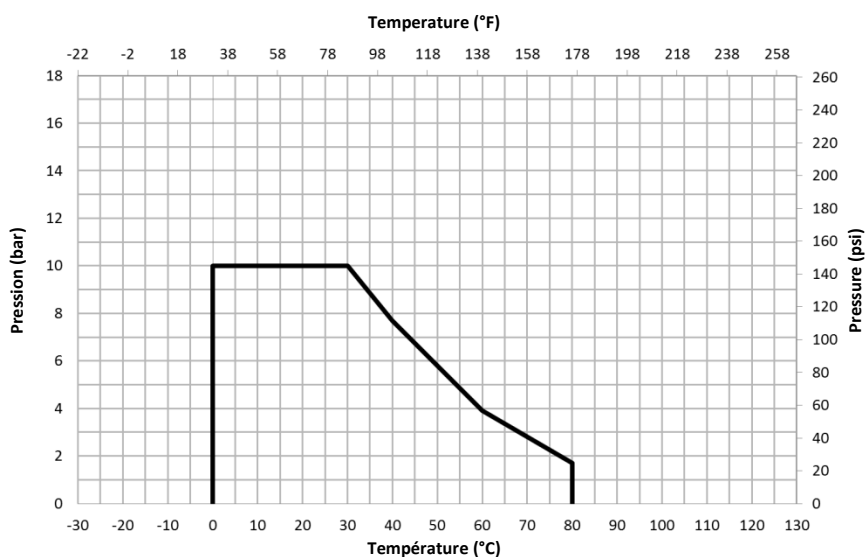
Drilling of Cage:

- DN15 : Ø6 mm holes
- DN20 : Ø7 mm holes
- DN25 : Ø8 mm holes
- DN32 : Ø10 mm holes
- DN40 : Ø12 mm holes
- DN50 : Ø14 mm holes

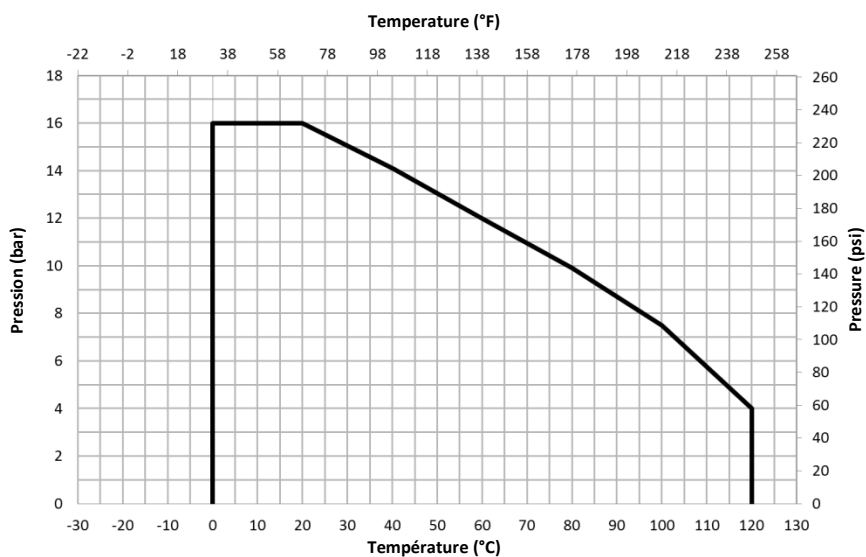
PRESSURE / TEMPERATURE CURVES



PVC-U



PP-H



PVDF

Pressure /Temperature Summary

DN	Working Pressure (in bars 20°C)		
	PP-H	PVDF	PVC-U
15 to 50	10	16	10

Working Temperature		
PP-H	PVDF	PVC-U
0°C to + 80°C	0°C to +120°C	0°C to + 60°C

Pressure Loss

DN	Kv (m ³ /h)
15	2,1
20	3,9
25	5,4
32	9,3
40	13,5
50	22,2

Kv defined according to NF EN 1267
(0,5mm Mesh)

Pressure Loss given for a clean Strainer (absence of clogging, even partial or in-significant)

Our valves are guaranteed for an average fluid velocity in the pipeline of ≤ 2 m/s. Please contact us with the working conditions for any higher speed.

CHEMICAL RESISTANCE

The chemical resistance of the valve is subject to the type of fluid, the temperature, the pressure, as well as the materials and seals of the valve.

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You can also consult, for information only, the table given in ISO 10358. However, this table cannot be considered as a recommendation by SAFI who could not be held liable for the use of this document.

DETERMINING A PRODUCT CODE

TYPE	SPECIFICATION	DN	Fitting (Inlet)	Fitting (Outlet)	Seals	ETFE Mesh
4640 = Transparent PVC-U Y Strainer 4650 = PVC-U Y Strainer 4660 = PP-H Y Strainer 4670 = PVDF Y Strainer	- = Standard Z = Special	00 = DN15 01 = DN20 02 = DN25 03 = DN32 04 = DN40 05 = DN50	B = PVC DIN Metric Socket C = Fusion welding Metric Plain Socket F = Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) I = Fusion welding Metric Spigot Z = Cement welding Metric Spigot	B = PVC DIN Metric Socket C = Fusion welding Metric Plain Socket F = Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) I = Fusion welding Metric Spigot Z = Cement welding Metric Spigot	E = EPDM V = FPM	In Standard : 05T = 0.5mm mesh Upon Request : 025T = 0.25mm mesh 10T = 1.0mm mesh 20T = 2.0mm mesh

Example : 4660-04FFE05T

4660	-	04	F	F	E	05T
PP-H Y Strainer	Standard	DN40	Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN)	Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN)	EPDM Seals	Standard ETFE Mesh size 0.5mm