

Dimensions of metal pipe per ANSI 36.10 and other standards. Pipe schedules have the same dimensions according to ANSI 36.10. Contact distributor for assistance with pipe sizes and materials not listed.

Nominal Size	WALL (Inches)		ID (Inches)		H Dim -1 Version		H Dim -2 Version		K-Factor Pulseliter	K-Factor Pulse/Gal	Factory set 20 mA (liter/min)	Factory set 20 mA (GPH)
	Inch	mm	Inch	mm	Inch	mm	Inch	mm				
0.375	0.15	2.07	8 16/32	216.4	10 16/32	267.0	46.19	174.83	649.5	171	151	
0.5	0.22	1.94	8 15/32	215.1	10 15/32	265.9	52.49	198.68	571.5	151	151	
0.75	0.20	2.47	8 14/32	214.1	10 14/32	264.9	32.37	122.54	926.7	24	24	
1.0	0.28	3.32	8 12/32	212.6	10 12/32	263.1	29.87	79.36	1431	3	3	
1.25	0.32	3.07	8 12/32	212.6	10 12/32	263.1	29.87	79.36	1431	3	3	
1.5	0.30	2.98	8 10/32	210.8	10 10/32	261.6	16.68	59.34	1914	1914	1914	
2.0	0.23	3.65	8 10/32	210.8	10 10/32	261.6	16.68	59.34	1914	1914	1914	
2.5	0.32	3.36	8 8/32	208.9	10 8/32	259.7	17.44	66.01	2464	2464	2464	
3.0	0.24	4.03	8 8/32	208.9	10 8/32	259.7	17.44	66.01	2464	2464	2464	
3.5	0.34	3.83	8 6/32	207.3	10 5/32	258.1	13.48	51.03	2225	2225	2225	
4.0	0.26	5.05	8 4/32	206.2	10 4/32	257.0	7.748	29.33	3872	3872	3872	
4.5	0.38	4.81	8	203.8	10	253.8	5.365	20.31	5591	5591	5591	
5.0	0.38	6.07	8	203.8	10	253.8	5.365	20.31	5591	5591	5591	
6.0	0.28	6.07	7 28/32	200.0	9 28/32	247.9	3.098	11.73	968	968	968	
8.0	0.43	5.76	7 24/32	197.1	9 24/32	244.3	3.394	12.85	88	88	88	
10.0	0.32	7.98	7 20/32	193.5	9 20/32	241.6	1.966	7.440	15	15	15	
12.0	0.50	7.83	7 20/32	193.5	9 16/32	237.00	2.158	8.170	1	1	1	
14.0	0.50	10.0	7 16/32	190.8	9 11/32	236.4	1.371	5.187	1	1	1	
16.0	0.37	10.0	7 11/32	186.2	9 10/32	233.8	1.429	5.410	1	1	1	
18.0	0.59	9.56	7 10/32	185.6	9 10/32	233.2	1.124	4.255	1	1	1	
20.0	0.38	12.0	7 7/32	183.0	9 6/32	230.6	1.168	4.420	1	1	1	
24.0	0.50	11.8	7 6/32	182.4	9 3/32	228.1	0.849	3.212	1	1	1	
30.0	0.38	13.3	7 3/32	179.8	9	225.6	0.877	3.320	1	1	1	
36.0	0.50	13.0	7	177.3	8 28/32	223.0	0.683	2.51	1	1	1	
42.0	0.38	15.0	6 28/32	174.8	8 25/32	220.5	0.683	2.51	1	1	1	
48.0	0.50	15.0	6 25/32	172.2	8 22/32	220.5	0.533	2.0	1	1	1	
54.0	0.38	17.3	6 22/32	169.7	8 19/32	217.9	0.533	2.0	1	1	1	
60.0	0.50	17.0	6 18/32	167.1	8 16/32	215.39	0.437	1.5	1	1	1	
66.0	0.38	19.3	6 16/32	164.6	8 12/32	212.85	0.437	1.5	1	1	1	
72.0	0.50	19.0	6 12/32	162.1	8 9/32	210.31	0.365	1.0	1	1	1	
78.0	0.38	21.3	6 9/32	159.5	8 6/32	207.77	0.365	1.0	1	1	1	
84.0	0.50	21.0	6 6/32	157.0	8 3/32	205.23	0.373	1.0	1	1	1	

Global Installation Fittings and K-Factors

Global



+GF+

K-Factor CD



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Added Value

Installation Fittings for Signet Sensors

GF Piping Systems Global Installation Fittings and K-Factor brochure has been developed for our customers around the world. The brochure will guide you in selecting the correct fitting to use with GF Signet sensors.

The new K-Factor Calculation Tool (provided on the included CD) offers customers an extremely easy, fast and convenient way to calculate K-Factors for GF Signet sensor and fitting combinations.

Along with ease of use, the new tool is capable of automatic database updating via the internet, ensuring that the user always has the most up-to-date information.

The Global Installation Fittings and K-Factor brochure has been separated into regions for ease of accessibility in selecting the proper fittings available within your region.

Each region provides an overview table outlining the various GF fittings. Fittings are available in metric, JIS or ASTM, and vary by region.

How to find your installation fitting



1
Find your
Sensor



2
Select your
Region/Connection
Standard

PVC-U / PVC-C

PE
PVDF
ABS
METALS

3
Select your
Pipe Material



4
Choose your
Fitting

DN	ID (inches)		H Dim H Version		K-DM K-Z Version		K-Factor Pulse/Bar	K-Factor Pulse/Gal	Factory/Ink 20 mA Output
	Inch	mm	Inch	mm	Inch	mm			
15	2.07	8 19/32	2 18.4	10 19/32	287.0	48.19	174.83	84.9	
20	2.47	8 15/32	2 15.1	10 15/32	265.9	52.49	198.86	97	
25	2.87	8 11/32	2 11.8	10 11/32	244.9	56.79	172.89	110	
30	3.27	8 7/32	2 7.5	10 7/32	223.9	61.09	146.92	123	
35	3.67	8 3/32	2 4.2	10 3/32	202.9	65.39	120.95	136	
40	4.07	8 1/32	2 0.9	10 1/32	181.9	69.69	94.98	149	
50	5.07	7 1/2	1 10.8	10 1/2	160.9	73.99	69.01	162	
60	6.07	6 5/8	0 8.5	10 5/8	139.9	78.29	43.04	175	
75	7.07	6 1/4	0 5.2	10 1/4	118.9	82.59	16.07	188	
90	8.07	5 15/16	0 1.9	10 15/16	97.9	86.89	0	201	
110	10.07	5 1/2	0 0.6	10 1/2	76.9	91.19	0	214	
125	12.07	5 1/8	0 0.3	10 1/8	55.9	95.49	0	227	
150	15.07	5 3/16	0 0.0	10 3/16	34.9	99.79	0	240	
175	18.07	5 1/4	0 0.0	10 1/4	13.9	104.09	0	253	
200	21.07	5 1/8	0 0.0	10 1/8	0	108.39	0	266	
225	24.07	5 1/16	0 0.0	10 1/16	0	112.69	0	279	
250	27.07	5 1/8	0 0.0	10 1/8	0	116.99	0	292	
275	30.07	5 3/16	0 0.0	10 3/16	0	121.29	0	305	
300	33.07	5 1/4	0 0.0	10 1/4	0	125.59	0	318	
325	36.07	5 1/2	0 0.0	10 1/2	0	129.89	0	331	
350	39.07	5 5/8	0 0.0	10 5/8	0	134.19	0	344	
375	42.07	5 3/4	0 0.0	10 3/4	0	138.49	0	357	
400	45.07	5 7/8	0 0.0	10 7/8	0	142.79	0	370	
425	48.07	6 1/16	0 0.0	10 1/16	0	147.09	0	383	
450	51.07	6 1/8	0 0.0	10 1/8	0	151.39	0	396	
475	54.07	6 3/16	0 0.0	10 3/16	0	155.69	0	409	
500	57.07	6 1/4	0 0.0	10 1/4	0	160.0	0	422	
525	60.07	6 1/2	0 0.0	10 1/2	0	164.3	0	435	
550	63.07	6 5/8	0 0.0	10 5/8	0	168.6	0	448	
575	66.07	6 3/4	0 0.0	10 3/4	0	172.9	0	461	
600	69.07	6 7/8	0 0.0	10 7/8	0	177.2	0	474	
625	72.07	7 1/16	0 0.0	10 1/16	0	181.5	0	487	
650	75.07	7 1/8	0 0.0	10 1/8	0	185.8	0	500	
675	78.07	7 3/16	0 0.0	10 3/16	0	190.1	0	513	
700	81.07	7 1/4	0 0.0	10 1/4	0	194.4	0	526	
725	84.07	7 1/2	0 0.0	10 1/2	0	198.7	0	539	
750	87.07	7 5/8	0 0.0	10 5/8	0	203.0	0	552	
775	90.07	7 3/4	0 0.0	10 3/4	0	207.3	0	565	
800	93.07	7 7/8	0 0.0	10 7/8	0	211.6	0	578	
825	96.07	8 1/16	0 0.0	10 1/16	0	215.9	0	591	
850	99.07	8 1/8	0 0.0	10 1/8	0	220.2	0	604	
875	102.07	8 3/16	0 0.0	10 3/16	0	224.5	0	617	
900	105.07	8 1/4	0 0.0	10 1/4	0	228.8	0	630	
925	108.07	8 1/2	0 0.0	10 1/2	0	233.1	0	643	
950	111.07	8 5/8	0 0.0	10 5/8	0	237.4	0	656	
975	114.07	8 3/4	0 0.0	10 3/4	0	241.7	0	669	
1000	117.07	8 7/8	0 0.0	10 7/8	0	246.0	0	682	
1025	120.07	9 1/16	0 0.0	10 1/16	0	250.3	0	695	
1050	123.07	9 1/8	0 0.0	10 1/8	0	254.6	0	708	
1075	126.07	9 3/16	0 0.0	10 3/16	0	258.9	0	721	
1100	129.07	9 1/4	0 0.0	10 1/4	0	263.2	0	734	
1125	132.07	9 1/2	0 0.0	10 1/2	0	267.5	0	747	
1150	135.07	9 5/8	0 0.0	10 5/8	0	271.8	0	760	
1175	138.07	9 3/4	0 0.0	10 3/4	0	276.1	0	773	
1200	141.07	9 7/8	0 0.0	10 7/8	0	280.4	0	786	

5
K-Factor
Reference

Note: The sensor length will be selected by the fitting.



EUROPE

ASIA

USA

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Europe Fittings

Material	Fitting	Joint	Gasket	Dimension	Sensor Type	Pressure	Temperature	Page
PVC-U		Solvent cementing	EPDM/FPM	d20 - d63	Flow, pH	max. 16 bar	0 °C - +60 °C	8
		Hot gas back welding	no gasket	d75 - d630	Flow, pH	depends on quality of the welding	0 °C - +60 °C	8
		Solvent cementing	no gasket	d75 - d315	Flow	max. 10 bar	0 °C - +60 °C	10
		Saddle/ Solvent cementing	EPDM/FPM	d75 - d225	Flow, pH	max. 16 bar	0 °C - +60 °C	10
				Alternative solution can be a PP saddle or wafer. Pipe size, pressure rating and chemical resistance need to be evaluated.				
PP-H		Socket fusion	EPDM/FPM	d20 - d63	Flow, pH	max. 16 bar	-10 °C - +95 °C	14
		Butt fusion	EPDM/FPM	d20 - d63	Flow, pH	max. 16 bar	-10 °C - +95 °C	14
		Hot gas back welding	no gasket	d75 - d630	Flow, pH	depends on quality of the welding	-10 °C - +95 °C	14
		Screw-on saddle	EPDM	d75 - d315	Flow	5 - 8 bar	0 °C - +40 °C	16
		Flange adapters	EPDM/FPM	d75 - d315	Flow	max. 16 bar	-10 °C - +95 °C	16
		Screw-on saddle	NBR	d25 - d225	Other	10 - 16 bar	-10 °C - +45 °C	18
		Socket fusion	no gasket	d75 - d400	Other	max. 16 bar	-10 °C - +60 °C	20
PE		Hot gas back welding	no gasket	d75 - d630	Flow, pH	Depends on quality of the welding	-10 °C - +60 °C	24
		Socket fusion	no gasket	d75 - d400	Other	max. 16 bar	-10 °C - +60 °C	24
		via ELGEF saddle	no gasket	d63 - d400	Other	max. 16 bar	-10 °C - +60 °C	24
		via ELGEF saddle	no gasket	d63 - d400	Other	max. 12.5 bar	-10 °C - +60 °C	24
				Alternative solution can be a PP saddle or wafer. Pipe size, pressure rating and chemical resistance need to be evaluated.				

Material	Fitting	Joint	Gasket	Dimension	Sensor Type	Pressure	Temperature	Page
PVDF		Socket fusion	FPM	d20 - d63	Flow, pH	max. 16 bar	-20 °C - +140 °C	28
		Butt fusion	FPM	d20 - d63	Flow, pH	max. 16 bar	-20 °C - +140 °C	28
		Hot gas back welding	no gasket	d75 - d630	Flow, pH	Depends on quality of the welding	-20 °C - +140 °C	30
		Flange adapters	FPM	d75 - d225	Flow	max. 16 bar	-20 °C - +140 °C	30
		Butt fusion	no gasket	d63 - d110	Other	max. 16 bar	-20 °C - +140 °C	32
		Butt fusion	no gasket	d63 - d225	Other	max. 16 bar	-20 °C - +140 °C	32
		Socket fusion	no gasket	d63 - d110	Other	max. 16 bar	-20 °C - +140 °C	34
ABS		Solvent cementing	no gasket	d25 - d63	Flow, pH	max. 10 bar	-40 °C - +60 °C	36
		Solvent cementing	no gasket	d75 - d225	Flow	max. 10 bar	-40 °C - +60 °C	36
COOL-FIT		Solvent cementing	no gasket	d25 - d225	Flow	max. 10 bar	-40 °C - +40 °C	38
		Solvent cementing	no gasket	d25 - d225	Pressure	max. 10 bar	-40 °C - +40 °C	38
Metals		Welding	no gasket	d63 - d630	Flow	max. 16 bar	-	40
		Welding	NBR	d40 - d800	Flow	max. 16 bar	-	40
		Welding	no gasket	d20 - d32	Flow	max. 16 bar	-	40
		Welding	no gasket	d40 - d315	Flow	max. 16 bar	-	40
		Strapping	EPDM/NBR	d60 - d355	Other	max. 16 bar	-	42
		Clamping	NBR	d68 - d289	Other	max. 16 bar	-	44-46

PVC-U

Flow and pH



Type 310, PVC-U for Socket Systems metric

EPDM Code No.	FPM Code No.	d [mm]	DN [mm]	Sensor Type
721 310 006	721 310 036	20	15	Flow -X0, pH -XX
721 310 007	721 310 037	25	20	Flow -X0, pH -XX
721 310 008	721 310 038	32	25	Flow -X0, pH -XX
721 310 009	721 310 039	40	32	Flow -X0, pH -XX
721 310 010	721 310 040	50	40	Flow -X0, pH -XX
721 310 011	721 310 041	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on page 139)

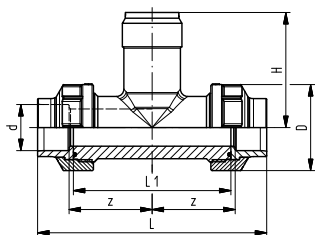
Type 314, PVC-U, weld o let, metric

Code No.	d [mm]	DN [mm]	Sensor Type
721 314 000	75 - 180	65 - 150	Flow -X0, pH - XX
721 314 001	200 - 355	200 - 350	Flow -X1
721 314 002	400 - 630	350 - 600	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 272X-XX
- Sensor length depends on installation fitting

Alternative solution can be a PP saddle or wafer. Pipe size, pressure rating and chemical resistance need to be evaluated.

Tee



Type 310, PVC-U for Socket Systems metric						
d [mm]	PN	D [mm]	z [mm]	L [mm]	L1 [mm]	H [mm]
20	16	43	48	128	90	76
25	16	51	53	144	100	78
32	16	58	58	160	110	81
40	16	72	58	168	110	85
50	16	83	63	188	120	89
63	16	100	68	212	130	95

- Threaded outlet 1 1/4 inch NPSM
- Sensor length depends on installation fitting



2551



2537



2536

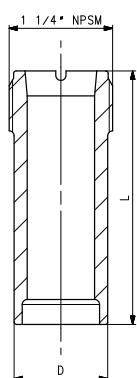


515



272X

Weld o let



Type 314, PVC-U, weld o let, metric		
d [mm]	D [mm]	L [mm]
75 - 180	37.5	68
200 - 355	37.5	102
400 - 630	37.5	178

- Threaded outlet 1 1/4 inch NPSM
- Sensor length depends on installation fitting
- Please consult the instruction manual
- For conventional hot gas back welding according to DVS 2207 part 3
- Your maximum allowable pressure may be determined by the pressure rating of the pipe material, quality of weld and/or installed sensor
- pH sensors can only be used up to 4 in. or DN100 pipe

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PVC-U

Flow and pH



Type 312, PVC-U, Glue-on Saddle, metric

Code No.	d [mm]	DN [mm]	Sensor Type
721 312 012	75	65	Flow -X1
721 312 013	90	80	Flow -X1
721 312 014	110	100	Flow -X1
721 312 015	125	100	Flow -X1
721 312 016	140	125	Flow -X1
721 312 017	160	150	Flow -X1
721 312 019	200	200	Flow -X1
721 312 020	225	200	Flow -X2
721 312 021	250	250	Flow -X2
721 312 023	315	300	Flow -X2

- For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX
- Sensor length depends on installation fitting

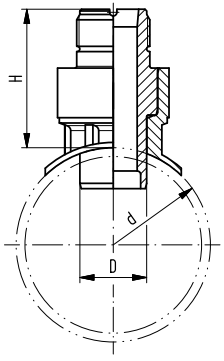
Type 312, PVC-U Clamp-on Saddle, metric

Code No.	d [mm]	DN [mm]	Sensor Type
198 150 538	75	65	Flow -X0, pH-XX
198 150 539	90	80	Flow -X0, pH-XX
198 150 540	110	100	Flow -X0, pH-XX
198 150 543	160	150	Flow -X1
198 150 545	225	200	Flow -X1

- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX
- Sensor length depends on installation fitting

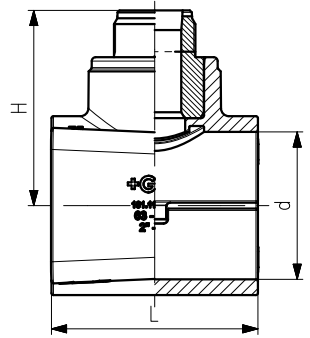
Alternative solution can be a PP saddle or wafer. Pipe size, pressure rating and chemical resistance need to be evaluated.

Saddle



Type 312, PVC-U, Glue-on Saddle, metric			
d [mm]	PN	D [mm]	H [mm]
75	10	38	89
90	10	38	89
110	10	38	89
125	10	38	81
140	10	38	79
160	10	38	76
200	10	38	69
225	10	38	141
250	10	38	137
315	10	38	127

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Top saddle for solvent cement bonding



Type 312, PVC-U Clamp-on Saddle, metric			
d [mm]	PN	H [mm]	L [mm]
75	16	99	105
90	16	105	105
110	16	114	105
160	16	156	120
225	16	184	120

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Top saddle for solvent cement bonding
- Seal: Lip seal of EPDM
- pH sensors can only be used up to 4 in. or DN100 pipe



2551



2537



2536



515



272X

PVC-U/BS Inch Flow and pH



Type 310, BSP PVC-U for Socket Fusion, BS inch

EPDM Code No.	FPM Code No.	d [in.]	d [mm]	DN [mm]	Sensor Type
721 310 306	721 310 336	1/2	20	15	Flow -X0, pH -XX
721 310 307	721 310 337	3/4	25	20	Flow -X0, pH -XX
721 310 308	721 310 338	1	32	25	Flow -X0, pH -XX
721 310 309	721 310 339	1¼	40	32	Flow -X0, pH -XX
721 310 310	721 310 340	1½	50	40	Flow -X0, pH -XX
721 310 311	721 310 341	2	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting
- BSP - British Standard Pipe

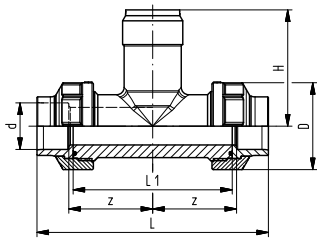
Type 312, BSP PVC-U, Clamp-on Saddle, BS inch

Code No.	d [in.]	DN [mm]	Sensor Type
198 150 550	3	80	Flow -X0, pH -XX
198 150 551	4	100	Flow -X0, pH -XX
198 150 554	6	150	Flow -X1

- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX
- Sensor length depends on installation fitting
- BSP - British Standard Pipe

Alternative solution can be a PP saddle or wafer. Pipe size, pressure rating and chemical resistance need to be evaluated.

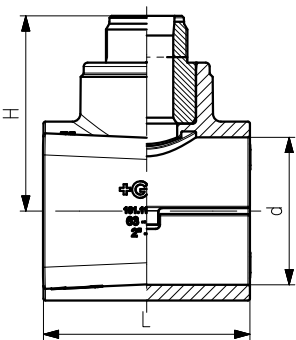
Tee



Type 310, BSP PVC-U for Socket Fusion, BS inch						
d [mm]	PN	D [mm]	z [mm]	L [mm]	L1 [mm]	H [mm]
20	15	43	48	131	90	76
25	15	51	53	147	100	78
32	15	58	58	164	110	81
40	15	72	58	171	110	85
50	15	83	63	188	120	89
63	15	100	68	211	130	95

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting

Saddle



Type 312, BSP PVC-U, Clamp-on Saddle, BS inch					
d [mm]	PN	D [mm]	H [mm]	H1 [mm]	L [mm]
90	15	39	105	225	105
110	15	39	114	264	105
160	15	39	156	339	120

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- EPR (EPDM) Gasket



2551



2537



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515



272X

PP

Flow and pH



Type 310, PROGEF Standard , PP-H for Socket Fusion, metric

EPDM Code No.	FPM Code No.	d [mm]	DN [mm]	Sensor Type
727 310 006	727 310 036	20	15	Flow -X0, pH -XX
727 310 007	727 310 037	25	20	Flow -X0, pH -XX
727 310 008	727 310 038	32	25	Flow -X0, pH -XX
727 310 009	727 310 039	40	32	Flow -X0, pH -XX
727 310 010	727 310 040	50	40	Flow -X0, pH -XX
727 310 011	727 310 041	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on pg 139)

Type 318, PROGEF Standard, PP-H for Butt Fusion, metric

EPDM Code No.	FPM Code No.	d [mm]	DN [mm]	Sensor Type
727 318 006	727 318 036	20	15	Flow -X0, pH -XX
727 318 007	727 318 037	25	20	Flow -X0, pH -XX
727 318 008	727 318 038	32	25	Flow -X0, pH -XX
727 318 009	727 318 039	40	32	Flow -X0, pH -XX
727 318 010	727 318 040	50	40	Flow -X0, pH -XX
727 318 011	727 318 041	63	50	Flow -X0, pH -XX

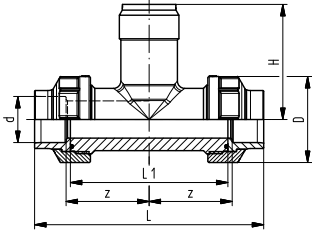
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-X0, 3-2551-X0, 3-272X-XX
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on pg 139)

Type 314, PP-H, metric

Code No.	DN [mm]	Sensor Type
727 314 000	65 - 150	Flow -X0, pH -XX
727 314 001	200 - 350	Flow -X1
727 314 002	350 - 600	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 272X-XX
- Sensor length depends on installation fitting

Tee



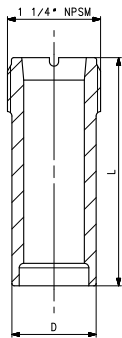
Type 310, PROGEF Standard, PP-H for Socket Fusion, metric						
d [mm]	PN	D [mm]	Z [mm]	L [mm]	L1 [mm]	H [mm]
20	10	48	50	128	90	76
25	10	58	55	142	100	78
32	10	65	60	156	110	81
40	10	79	60	160	110	85
50	10	91	65	176	120	89
63	10	105	70	194	130	95

- Threaded outlet 1¼ inch NPSM
- Union end with fusion socket PP-H

Type 318, PROGEF Standard, PP-H for Butt Fusion, metric								
d [mm]	PN	D [mm]	Z [mm]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	e
20	10	48	112	224	90	52	76	1.9
25	10	58	121	242	100	53	78	2.3
32	10	65	128	256	110	55	81	2.9
40	10	79	136	272	110	60	85	3.7
50	10	91	147	294	120	66	89	4.6
63	10	105	158	316	130	70	95	5.8

- Threaded outlet 1¼ inch NPSM
- Union end with butt fusion spigot PP-H

Weld o let



Type 314, PP-H, metric		
d [mm]	D [mm]	L [mm]
75 - 180	37.5	68
200 - 355	37.5	102
400 - 630	37.5	178

- Threaded outlet 1¼ inch NPSM
- For conventional hot gas back welding according to DVS 2207 part 3
- Please consult the instruction manual
- Sensor length depends on installation fitting
- Your maximum allowable pressure may be determined by the pressure rating of the pipe material, quality of weld and/or installed sensor
- pH sensors can only be used up to 4 in. or DN100 pipe



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272X

+GF+

PP

Flow



Type 312, PP-H, Screw-on, metric

Code No.	d [mm]	DN [mm]	Sensor Type
727 312 072	75	65	Flow -X1
727 312 073	90	80	Flow -X1
727 312 074	110	100	Flow -X1
727 312 075	125	100	Flow -X1
727 312 076	140	125	Flow -X1
727 312 077	160	150	Flow -X1
727 312 078	180	150	Flow -X2
727 312 079	200	200	Flow -X2
727 312 080	225	200	Flow -X2
727 312 081	250	250	Flow -X2
727 312 082	280	250	Flow -X2
727 312 083	315	300	Flow -X2

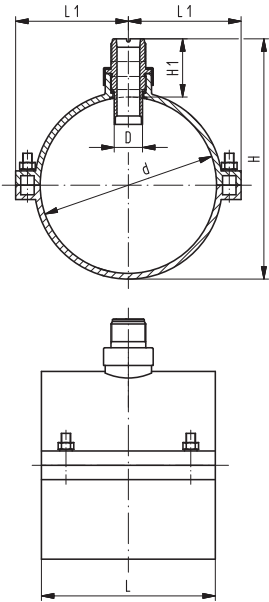
- For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX
- Sensor length depends on installation fitting

Type 311, PROGEF Standard, PP-H, Wafer fitting, metric

EPDM Code No.	FPM Code No.	d [mm]	DN [mm]	Sensor Type
727 311 012	727 311 042	75	65	Flow -X1
727 311 013	727 311 043	90	80	Flow -X1
727 311 014	727 311 044	110	100	Flow -X1
727 311 015	727 311 045	125	100	Flow -X1
727 311 016	727 311 046	140	125	Flow -X1
727 311 017	727 311 047	160	150	Flow -X1
727 311 018	727 311 048	180	150	Flow -X1
727 311 019	727 311 049	200	200	Flow -X1
727 311 020	727 311 050	225	200	Flow -X1
727 311 021	727 311 051	250	250	Flow -X2
727 311 022	727 311 052	280	250	Flow -X2
727 311 023	727 311 053	315	300	Flow -X2

- For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX/X2-XX
- Sensor length depends on installation fitting

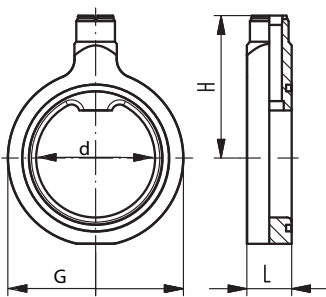
Saddle



Type 312, PP-H, Screw-on, metric						
d [mm]	PN	D [mm]	L [mm]	L1 [mm]	H [mm]	H1 [mm]
75	8	34	78	62	172	88
90	8	34	86	69	186	87
110	8	34	98	79	206	86
125	8	34	101	85	212	78
140	6	34	114	104	227	75
160	6	34	114	114	243	72
180	6	34	168	134	348	144
200	6	34	168	132	357	142
225	5	34	174	146	375	136
250	5	34	179	159	397	131
280	5	34	179	167	426	127
315	5	34	248	202	450	120

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Top saddle with EPDM gasket
- Stainless steel bolts and nuts
- Saddle can be used with other pipe materials

Wafer



Type 311, PROGEF Standard, PP-H, Wafer fitting, metric					
d [mm]	PN	D [mm]	H [mm]	L [mm]	L1 [mm]
75	16	88	133	48	61
90	16	102	140	48	69
110	16	132	145	48	79
125	16	132	144	48	79
140	16	157	149	48	94
160	16	182	156	48	106
180	16	182	163	48	106
200	16	236	170	48	134
225	16	236	178	48	134
250	16	289	263	48	160
280	16	289	273	48	160
315	16	329	285	48	185

- Threaded outlet 1¼ NPSM
- Suitable for backing flanges metric and inch
- Suitable for SDR 11 - SDR 17.6
- Delivered with profile FPM O-ring
- Wafer can be used with other pipe materials
- Sensor length depends on installation fitting



2551



2537



2536



515

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PP

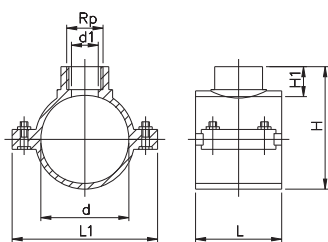
Other Sensors



Poly16 Plus Clamp Saddle

Code No.	d [mm]	Rp [in.]	Sensor Type
727 627 012	25	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 022	32	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 032	40	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 042	50	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 044	50	1 1/4	Flow 2552-X2
727 627 052	63	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 054	63	1 1/4	Flow 2552-X2
727 627 055	63	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 062	75	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 064	75	1 1/4	Flow 2552-X2
727 627 065	75	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 072	90	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 074	90	1 1/4	Flow 2552-X2
727 627 075	90	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 082	110	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 084	110	1 1/4	Flow 2552-X2
727 627 085	110	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 092	125	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 094	125	1 1/4	Flow 2552-X2
727 627 095	125	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 102	140	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 104	140	1 1/4	Flow 2552-X2
727 627 105	140	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 112	160	3/4	pH/ORP 2724-X-1, 2726-X-1, 2774-ISO, 2777-ISO, Conductivity 2839-1D, 2842-1D
727 627 114	160	1 1/4	Flow 2552-X2
727 627 115	160	1 1/2	pH/ORP 3719-2 Flow 2540-21-4, 2552-X4
727 627 124	180	1 1/4	Flow 2552-X2
727 627 125	180	1 1/2	pH/ORP 3719-2, Flow 2540-21-4, 2552-X4
727 627 145	225	1 1/2	pH/ORP 3719-2 Flow 2540-21-4, 2552-X4

Saddle



Poly16 Plus Clamp Saddle						
d [mm]	PN	d1	L	L1	H	H1
25	16	13	49	79	58	15
32	16	14	49	79	62	20
40	16	21	62	86	71	20
50	16	21	62	86	82	20
50	16	21	62	86	82	20
63	16	24	62	101	96	21
63	16	31	62	101	96	21
63	16	31	62	101	96	21
75	16	21	79	123	104	16
75	16	35	79	123	109	21
75	16	42	79	123	109	21
90	16	21	87	138	118	16
90	16	35	87	138	123	21
90	16	42	87	138	123	21
110	16	20	99	152	150	23
110	16	35	99	152	150	23
110	16	41	99	152	150	23
0.75	16	20	101	166	169	24
125	16	35	101	166	168	23
125	16	41	101	166	168	23
140	16	24	114	207	191	25
140	16	38	114	207	191	25
140	16	45	114	207	191	24
160	16	24	114	226	215	24
160	16	37	114	226	215	24
160	16	45	114	226	215	24
180	10	36	169	262	265	38
180	10	42	169	262	265	38
225	10	45	145	287	287	26

- Stainless steel bolts
- Saddle can be used with other pipe materials
- Check H1 value vs. sensor length regarding minimum insertion depth.



2552



2540



3719



272X

+GF+

PP

Flow & Other Sensors



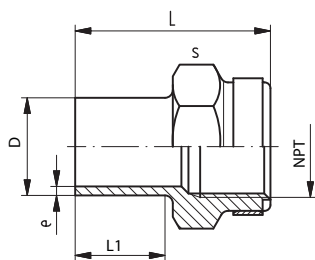
Adapter socket, PP-H, ANSI - NPT

Code No.	d [mm]	DN [mm]	NPT [in.]	Sensor Type
727 914 357	75 - 800	65 - 800	3/4	2724-2726, 2774-2777, 2819-2842, 2350, 2450
727 914 358	75 - 800	65 - 800	1	2764-2767
727 914 359	75 - 800	65 - 800	1¼	2552-X1
727 914 360	75 - 800	65 - 800	1½	3719-11, 2540-1/-3, 2552-X3
727 914 361	75 - 800	65 - 800	2	3719-21

Adapter socket, PP-H, metric - ISO

Code No.	DN [mm]	Rp [in.]	Sensor Type
727 914 357	65 - 800	3/4	2724-X1 - 2726-X1, 2774-ISO, 2777-ISO, 2839-1D-2842-1D
727 914 359	65 - 800	1¼	2552-X2
727 914 360	65 - 800	1½	3719-12, 2540-2/-4, 2552-X4

Sockets



Adapter socket, PP-H, ANSI - NPT					
d [mm]	PN	D [mm]	L [mm]	L1 [mm]	s [mm]
75 - 800	10	25	51	23	36
75 - 800	10	32	54	23	46
75 - 800	10	40	56	23	55
75 - 800	10	50	60	23	65
75 - 800	10	63	62	23	80

- "d" is for pipe dimension
- Connection via socket fusion
- Check L1 value vs. sensor length regarding minimum insertion depth.



2552



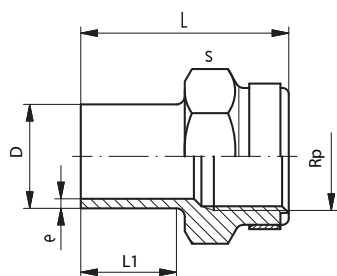
2540



3719



272X



Adapter socket, PP-H, metric - ISO					
d [mm]	PN	D [mm]	L [mm]	L1 [mm]	s [mm]
75 - 800	10	25	51	23	36
75 - 800	10	40	56	23	55
75 - 800	10	50	60	23	65

- "d" is for pipe dimension
- Connection via socket fusion
- Check H1 value vs. sensor length regarding minimum insertion depth.

+GF+

PE

Flow and pH



PE Tee Fitting

Code No.	d [mm]	DN [mm]	Sensor Type
On Request	20	15	Flow -X0, pH -XX
On Request	15	20	Flow -X0, pH -XX
On Request	32	25	Flow -X0, pH -XX
On Request	40	32	Flow -X0, pH -XX
On Request	50	40	Flow -X0, pH -XX
On Request	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting

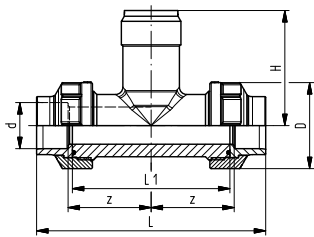
PE Tee Fitting

Code No.	d [mm]	DN [mm]	Sensor Type
On Request	20	15	Flow -X0, pH -XX
On Request	15	20	Flow -X0, pH -XX
On Request	32	25	Flow -X0, pH -XX
On Request	40	32	Flow -X0, pH -XX
On Request	50	40	Flow -X0, pH -XX
On Request	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting

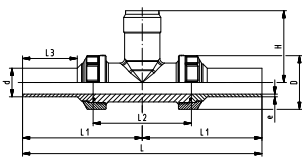
Alternative solution can be a PP saddle or wafer. Pipe size, pressure rating and chemical resistance need to be evaluated.

Tee



PE Tee Fitting							
d [mm]	PN	D [mm]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	e
20	16	45	196	98	90	76	1.9
25	16	55	212	106	100	78	1.9
32	16	62	228	114	110	81	2.4
40	16	75	234	117	110	85	2.4
50	16	84	250	125	120	89	3.0
63	16	101	266	133	130	95	3.0

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Union end with butt fusion spigot PE



PE Tee Fitting							
d [mm]	PN	D [mm]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	e
20	16	45	196	98	90	76	1.9
25	16	55	212	106	100	78	1.9
32	16	62	228	114	110	81	2.4
40	16	75	234	117	110	85	2.4
50	16	84	250	125	120	89	3.0
63	16	101	266	133	130	95	3.0

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Union end with butt fusion spigot PE



2551



2537



2536



515



272X



Type 314, PE wedolet, metric and inch

Code No.	d [mm]	DN [mm]	Sensor Type
753 314 000	75 - 180	65 - 150	Flow -X0, pH -XX
753 314 001	200 - 355	200 - 350	Flow -X1
753 314 002	400 - 630	350 - 600	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

Adapter Sockets, PE100, metric - ISO

Code No.	d [mm]	Sensor Type
753 910 267	75 - 800	272X, 277X-ISO, 2839-1D - 2842-1D
753 910 269	75 - 800	2552-X2
753 910 270	75 - 800	3719-12, 2540-2/-4, 2552-X4

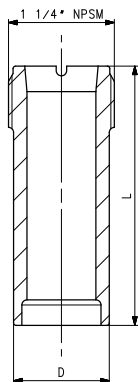
Transition adapter PE/brass (MS58) ISO female thread, metric

Code No.	d [mm]	Rp [in.]	Sensor Type
720 920 231	63	1.25	2552-X2
720 920 241	63	1.50	3719, 2540, 2552-X4

PE adapter ISO female thread, metric

Code No.	d [mm]	Rp [in.]	Sensor Type
173 281 925	63	1.50	3719, 2540, 2552-X4

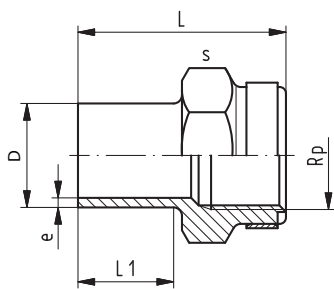
Weldolet



Type 314, PE weldolet, metric and inch		
d [mm]	D [mm]	L [mm]
75 - 180	37	68
200 - 355	37	102
400 - 630	37	178

- Threaded outlet 1 1/4 inch NPSM
- Sensor length depends on installation fitting
- For conventional hot gas back welding according to DVS 2207 part 3
- Your maximum allowable pressure may be determined by the pressure rating of the pipe material, quality of weld and/or installed sensor

Socket



Adapter Sockets, PE100, metric - ISO						
d [mm]	PN	Rp [in.]	D [mm]	L [mm]	L1 [mm]	s [mm]
75 - 800	10	0.75	25	51	23	36
75 - 800	10	1.25	40	56	23	55
75 - 800	10	1.50	50	60	23	65

- Threaded outlet 1 1/4 inch NPSM
- Sensor length depends on installation fitting
- Connection via socket fusion
- Small "d" is for pipe diameter

Transition adapter PE/brass (MS58) ISO female thread, metric			
d [mm]	PN	L [mm]	z
63	16	89	47
63	16	89	47

- 16 bar water
- For electrofusion saddle (193 131 XXX and 193 135 159)

PE adapter ISO female thread, metric		
d [mm]	PN	L [mm]
63	12.5	54

- Reinforcing ring stainless (A2)
- For electrofusion saddle (193 131 XXX and 193 135 159)



2551



2537



2552



3719



272X

+GF+

PE

Other Sensors



ELGEF Plus, Electrofusion Saddle, PE100, SDR 11

Code No.	d [mm]
193 131 037	63
193 131 047	75
193 131 057	90
193 131 067	110
193 131 077	125
193 131 087	140
193 131 097	160
193 131 107	180
193 131 117	200
193 131 127	225
193 131 137	250
193 131 147	280
193 131 157	315-400

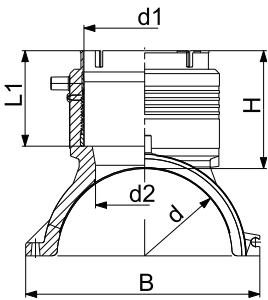
ELGEF Plus Branch Fitting

Code No.	d [mm]
193 135 159	500 - 630

Saddle

ELGEF Plus, Electrofusion Saddle, PE100, SDR 11		
d [mm]	d1	L [mm]
63	63	165
75	63	165
90	63	165
110	63	165
125	63	165
140	63	165
160	63	165
180	63	165
200	63	165
225	63	165
250	63	165
280	63	165
315-400	63	165

- Connection with transition adapter PE/Brass or PE adapter



ELGEF Plus Branch Fitting						
d [mm]	d1 [mm]	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]
500 - 630	90	102	260	82	263	65

- Can be used with reduction d90 - d63 (753 908 906)
- Connection via socket fusion with transition adapter PE/brass or PE adapter



2552



2540



3719



272X

PVDF

Flow and pH



Type 310, SYGEF Standard, PVDF, Socket Fusion, metric

FPM Code No.	d [mm]	DN [mm]	Sensor Type
735 310 036	20	15	Flow -X0, pH -XX
735 310 037	25	20	Flow -X0, pH -XX
735 310 038	32	25	Flow -X0, pH -XX
735 310 039	40	32	Flow -X0, pH -XX
735 310 040	50	40	Flow -X0, pH -XX
735 310 041	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on pg 139)

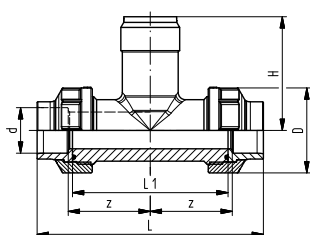


Type 318, SYGEF Standard, PDVF for Butt Fusion, metric

Code No.	d [mm]	DN [mm]	Sensor Type
735 318 036	20	15	Flow -X0, pH -XX
735 318 037	25	20	Flow -X0, pH -XX
735 318 038	32	25	Flow -X0, pH -XX
735 318 039	40	32	Flow -X0, pH -XX
735 318 040	50	40	Flow -X0, pH -XX
735 318 041	63	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on pg 139)

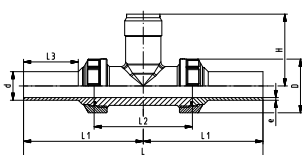
Tee



Type 310, SYGEF Standard, PVDF, Socket Fusion, metric

d [mm]	PN	D [mm]	Z [mm]	L [mm]	L1 [mm]	H [mm]
20	16	45	50	128	90	76
25	16	55	55	142	100	78
32	16	62	60	156	110	81
40	16	75	60	160	110	85
50	16	84	65	176	120	89
63	16	101	70	194	130	95

- Socket fusion equipment is required to install PVDF union tees
- FPM O-rings
- Sensor length depends on installation fitting



Type 318, SYGEF Standard, PDVF for Butt Fusion, metric

d [mm]	PN	D [mm]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	e
20	16	45	196	90	37	76	1.9
25	16	55	212	100	37	78	1.9
32	16	62	228	110	40	81	2.4
40	16	75	234	110	40	85	2.4
50	16	84	250	120	43	89	3.0
63	16	101	266	130	43	95	3.0

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Union end with butt fusion spigot PVDF



2551



2537



2536



515



272X

+GF+

PVDF

Flow and pH



Type 314, SYGEF Standard, PVDF, metric

Code No.	d [mm]	DN [mm]	Sensor Type
735 314 000	75 - 180	65 - 150	Flow -X0, pH -XX
735 314 001	200 - 355	200 - 350	Flow -X1
735 314 002	400 - 630	350 - 600	Flow -X2

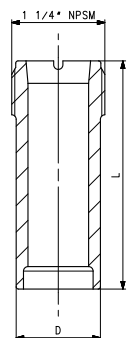
- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX
- Sensor length depends on installation fitting

Type 311, SYGEF Standard, PVDF, metric

FPM Code No.	d [mm]	DN [mm]	Sensor Type
735 311 042	75	65	Flow -X1
735 311 043	90	80	Flow -X1
735 311 044	110	100	Flow -X1
735 311 045	125	100	Flow -X1
735 311 046	140	125	Flow -X1
735 311 047	160	150	Flow -X1
735 310 049	200	200	Flow -X1
735 311 050	225	200	Flow -X1

- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX
- Sensor length depends on installation fitting

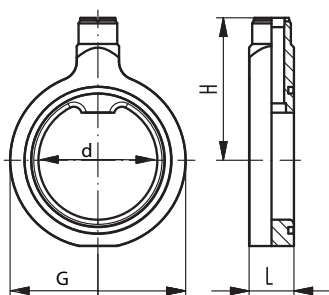
Weld o let



Type 314, SYGEF Standard, PVDF, metric		
d [mm]	D [mm]	L [mm]
75 - 180	37.5	68
200 - 355	37.5	102
400 - 630	37.5	178

- Threaded outlet 1 1/4 inch NPSM
- Sensor length depends on installation fitting
- Please consult the instruction manual
- Installation only be trained and certified welder
- For conventional hot gas back welding according to DVS 2207 part 3
- Your maximum allowable pressure may be determined by the pressure rating of the pipe material, quality of weld and/or installed sensor
- pH sensors can only be used up to 4 in. or DN100 pipe

Wafer



Type 311, SYGEF Standard, PVDF, metric					
d [mm]	PN	H [mm]	D [mm]	L [mm]	L1 [mm]
75	10/16	135	88	48	61
90	10/16	141	102	48	69
110	10/16	148	132	48	79
125	10/16	147	132	48	79
140	10/16	153	157	48	94
160	10/16	161	482	48	106
200	10/16	175	236	48	134
225	10/16	185	236	48	134

- Threaded outlet 1 1/4 inch NPSM
- Suitable for backing flanges metric and inch
- Delivered with profile O-ring
- Wafer can be used with other pipe materials
- Sensor length depends on installation fitting



2551



2537



2536



515



272X

+GF+

PVDF

Other Sensors



SYGEF Plus, PVDF Installation Fitting, PN 16

Code No.	d [mm]	DN [mm]
735 918 811	63	50
735 918 812	75	65
735 918 813	90	80
735 918 814	110	100

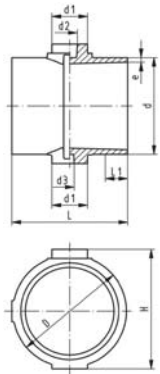
SYGEF Plus, PVDF Installation Fitting, PN 16

Code No.	d [mm]	DN [mm]
735 918 611	63	50
735 918 612	75	65
735 918 613	90	80
735 918 614	110	100
735 918 615	125	100
735 918 616	140	125
735 918 617	160	150
735 918 619	200	150
735 918 620	225	200

SYGEF Plus, PVDF Installation Fitting, PN 10

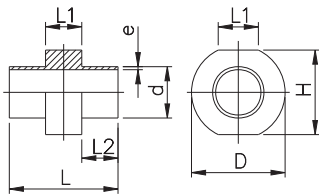
Code No.	d [mm]	DN [mm]
735 918 565	125	100
735 918 566	140	125
735 918 567	160	150
735 918 569	200	200
735 918 570	225	200

Sockets



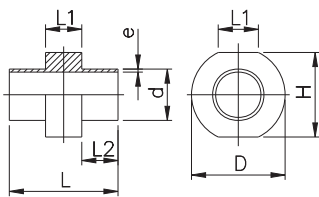
SYGEP Plus, PVDF Installation Fitting, PN 16					
d [mm]	PN	D [mm]	H [mm]	L1 [mm]	e [mm]
63	16	85	89	25	3.0
75	16	96	101	25	3.6
90	16	110	116	25	4.3
110	16	127	136	25	5.3

• For all 1/4 to 3/4 inch threaded sensors



SYGEP Plus, PVDF Installation Fitting, PN 16					
d [mm]	PN	D [mm]	H [mm]	L [mm]	e [mm]
63	16	106	97	100	3.0
75	16	115	108	90	3.6
90	16	128	121	90	4.3
110	16	145	139	90	5.3
125	16	162	157	100	6.0
140	16	176	171	110	6.7
160	16	194	190	110	7.7
200	16	231	228	110	9.6
225	16	254	251	110	10.8

• For all 1/8 to 3/4 inch threaded sensors



SYGEP Plus, PVDF Installation Fitting, PN 10					
d [mm]	PN	D [mm]	H [mm]	L [mm]	e [mm]
125	10	162	157	100	3.9
140	10	176	171	110	4.4
160	10	194	190	110	4.9
200	10	231	228	110	6.2
225	10	254	251	110	7.0

• For all 1/8 to 3/4 inch threaded sensors



2552



2540



3719



272X

PVDF

Other Sensors



SYGEF Standard, PVDF, ANSI - NPT female thread

Code No.	d [mm]	DN [mm]	NPT [in.]	Sensor Type
735 915 287	75 - 315	65 -300	3/4	272X, 277X, 2819-2842, 2350, 2450
735 915 288	75 - 315	65 -300	1	276X
735 915 289	75 - 315	65 -300	1¼	2552-X1
735 915 290	75 - 315	65 -300	1½	3719-11, 2540-1/-3, 2552-X3

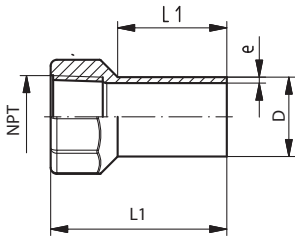
- Check L1 value vs. sensor length regarding minimum insertion depth

SYGEF Standard, PVDF for ISO female thread

Code No.	d [mm]	DN [mm]	Rp [in.]	Sensor Type
735 910 287	75 - 315	65 -300	3/4	272X, 277X-ISO, 2839-1D-2842-1D
735 910 289	75 - 315	65 -300	1¼	2552-X2
735 910 290	75 - 315	65 -300	1½	3719-12, 2540-2/-4, 2552-X4

- Check L1 value vs. sensor length regarding minimum insertion depth

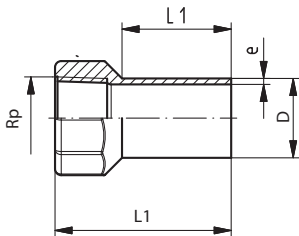
Sockets



SYGEF Standard, PVDF, ANSI - NPT female thread

PN	NPT [in.]	D [mm]	L [mm]	L1 [mm]	s [mm]	e [mm]
10	3/4	25	63	40	36	1.9
10	1	32	71	44	46	2.4
10	1¼	40	79	49	55	2.4
10	1½	50	84	55	60	3.0

- Connection via socket fusion
- Small "d" is for pipe dimension



SYGEF Standard, PVDF for ISO female thread

PN	D [mm]	Rp [in.]	L [mm]	L1 [mm]	s [mm]	e [mm]
10	25	3/4	63	40	36	1.9
10	40	1¼	79	49	55	2.4
10	50	1½	84	55	60	3.0

- Connection via socket fusion
- Small "d" is for pipe dimension



2552



2540



3719



272X

ABS

Flow and pH



Type 310, ABS, metric

Code No.	d [mm]	DN [mm]	Sensor Type
729 310 007	25	20	Flow -X0, pH -XX
729 310 008	32	25	Flow -X0, pH -XX
729 310 009	40	32	Flow -X0, pH -XX
729 310 010	50	40	Flow -X0, pH -XX
729 310 011	63	50	Flow -X0, pH -XX

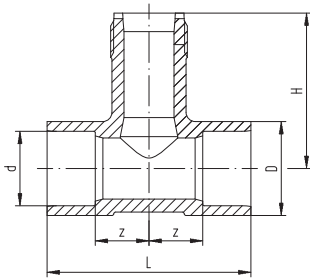
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting

Type 312, ABS Glue-on saddle, metric

Code No.	d [mm]	DN [mm]	Sensor Type
729 312 012	75	65	Flow -X1
729 312 013	90	80	Flow -X1
729 312 014	110	100	Flow -X1
729 312 016	140	125	Flow -X1
729 312 017	160	150	Flow -X1
729 312 019	200	200	Flow -X1
729 312 020	225	200	Flow -X1

- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX
- Sensor length depends on installation fitting

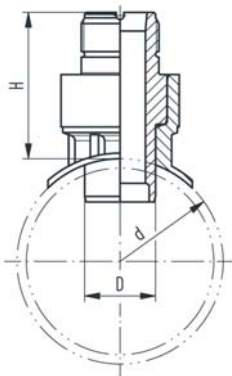
Tee



Type 310, ABS, metric						
d [mm]	PN	D [mm]	L [mm]	H [mm]	z [mm]	closest [inch]
25	10	35	100	78	32	0.75
32	10	44	110	81	33	1.00
40	10	51	110	85	29	1.25
50	10	63	120	89	29	1.50
63	10	78	130	95	28	2.00

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- With solvent cement socket metric

Saddle



Type 312, ABS Glue-on saddle, metric				
d [mm]	PN	D [mm]	H [mm]	closest [inch]
75	10	38	91	2.50
90	10	38	91	3.00
110	10	38	91	4.00
140	10	38	81	5.00
160	10	38	77	6.00
200	10	38	71	8.00
225	10	38	67	8.00

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Top saddle for solvent cement bonding



2551



2537



2536



515



272X

ABS

ABS COOL-FIT

Flow, pH and
Other Sensors



Type 310, CoolFit, pre-insulated, metric

Code No.	d [mm]	DN [mm]	Required nipple	Sensor Type
738 310 107	25	20	738 901 107	Flow -X0, pH -XX
738 310 108	32	25	738 901 108	Flow -X0, pH -XX
738 310 109	40	32	738 901 109	Flow -X0, pH -XX
738 310 110	50	40	738 901 110	Flow -X0, pH -XX
738 310 111	63	50	738 901 111	Flow -X0, pH -XX
738 310 112	* 75	65	738 901 112	Flow -X1
738 310 113	* 90	80	738 901 113	Flow -X1
738 310 114	* 110	100	738 901 114	Flow -X1
738 310 116	* 140	125	738 901 116	Flow -X1
738 310 117	* 160	150	738 901 117	Flow -X1
738 310 119	* 200	200	738 901 119	Flow -X1
738 310 120	* 225	200	738 901 120	Flow -X1

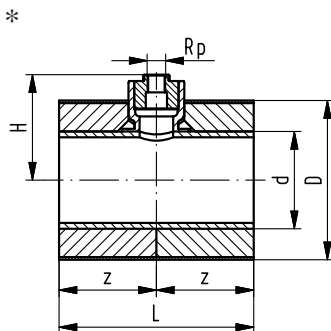
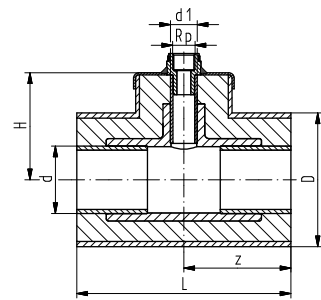
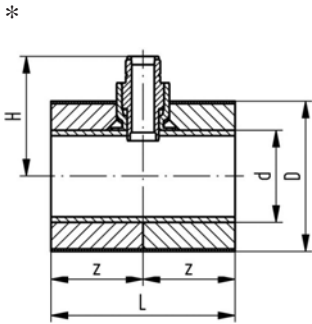
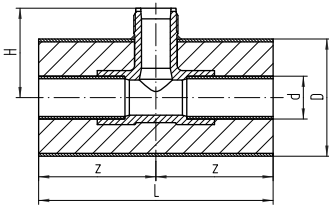
- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX

Type 313, CoolFit, pre-insulated, metric

Code No.	d [mm]	DN [mm]	Required nipple
738 313 107	25	20	738 901 107
738 313 108	32	25	738 901 108
738 313 109	40	32	738 901 109
738 313 110	50	40	738 901 110
738 313 111	63	50	738 901 111
738 313 112	* 75	65	738 901 112
738 313 113	* 90	80	738 901 113
738 313 114	* 110	100	738 901 114
738 313 116	* 140	125	738 901 116
738 313 117	* 160	150	738 901 117
738 313 119	* 200	200	738 901 119
738 313 120	* 225	200	738 901 120

- For use with all pressure sensors

Tee



Type 310, CoolFit, pre-insulated, metric

d [mm]	PN	D [mm]	L [mm]	H [mm]	z [mm]	closest [inch]
25	10	90	220	78	110	¾
32	10	90	220	81	110	1.00
40	10	110	220	85	110	1.00
50	10	110	220	89	110	1½
63	10	125	220	95	110	2.00
* 75	10	140	220	161	110	2½
* 90	10	160	220	171	110	3.00
* 110	10	180	220	181	110	4.00
* 140	10	225	220	193	110	5.00
* 160	10	250	220	202	110	6.00
* 200	10	280	250	211	125	8.00
* 225	10	315	280	225	140	8.00

- Threaded outlet 1¼ NPSM
- Insulation made from PUR
- Outer jacket impact resistant. Color black

Type 313, CoolFit, pre-insulated, metric

d [mm]	PN	D [mm]	L [mm]	H [mm]	z [mm]	closest [inch]
25	10	90	160	100	80	¾
32	10	90	160	100	80	1.00
40	10	110	180	100	90	1¼
50	10	110	180	100	90	1½
63	10	125	200	100	100	2.00
* 75	10	140	220	101	110	2½
* 90	10	160	220	109	110	3.00
* 110	10	180	220	119	110	4.00
* 140	10	225	220	134	110	5.00
* 160	10	250	220	145	110	6.00
* 200	10	280	250	165	125	8.00
* 225	10	315	280	178	140	9.00

- With ½ inch Rp threaded branch for sensors (i.e. pressure)
- Insulation made from PUR
- Outer jacket impact resistant. Color black



2551



2537



2536



515



272X

COOL-FIT

Metals

Flow and pH



Metalex Socket Weld Mini-Tap (1.4401)

Code	DN [mm]	Size [in.]	Sensor Type
198 840 501	15	0.50	P525-1, -1S
198 840 502	20	0.75	P525-1, -1S
198 840 503	25	1.00	P525-1, -1S

- For use with P525-1 and P525-1S only

SS Weld-On Fittings (1.4401)

Code No.	DN [mm]	Inch
198 150 346	40 - 800	1.5 - 30

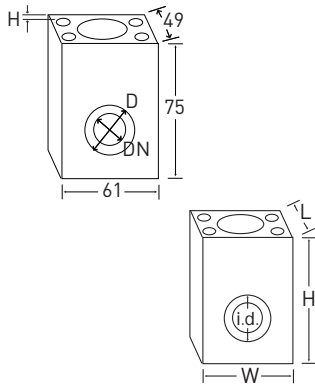
- For use with P525-2 and P525-2S

Type 314, Stainless Steel, metric

Code No.	d [mm]	Sensor Type
724 314 000	63 - 180	Flow -X0/ pH -XX
724 314 001	200 - 355	Flow -X1
724 314 002	400 - 630	Flow -X2

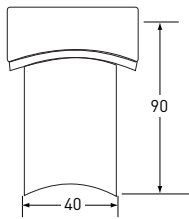
- For use with 515, 8510, 2536, 8512, 2537, 2551, 272X
- Threaded outlet 1¼ NPSM

Weld-on mini tap



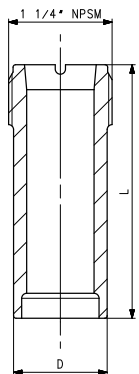
Metalex Socket Weld Mini-Tap (1.4401)					
D [mm]	H [mm]	L [in.]	W [in.]	H [in.]	i.d. [in.]
21.8	8.4	2.0	2.4	3.0	0.85
27.2	12.7	2.0	2.4	3.0	1.06
33.9	12.7	2.0	2.4	3.0	1.325

• For use with SS pipe



SS Weld-On Fittings (1.4401)	
Inch	DN [mm]
1.5 - 30	40-800

Weld-on



Type 314, Stainless Steel, metric			
d [mm]	D [mm]	D [mm]	L [mm]
63 - 180	75 - 180	37	68
200 - 355	200 - 355	37	102
400 - 630	400 - 630	37	178



525



2551



2537



2536



515



272X

Metals

Flow and Other Sensors



Iron Multi/Saddle Plus 201

EPDM Code	NBR Code	Inch	PN Water	PN Gas	Sensor Type
709 613 736	709 613 836	1.25	16.0	5.0	2552-2
709 613 738	709 613 838	1.50	16.0	5.0	2552-3, 2540-XX, 3719-11

- For use with 3-2552-2X/-3X, 3-2540-XX, 3-3719-11 Wet-Tap assembly with the 3-275X-WTX Wet-Tap electrode
- Do not use these fittings for PE pipes
- 1½ and 2 inch saddles must be applied for pipes DN80 or larger

Multi/Saddle Plus Spatula for use with Iron Multi/Saddle Plus 201

Code No.	Description
709 613 904	Spatula for saddle outlet 1¼ inch
709 613 905	Spatula for saddle outlet 1½ inch / d40 + d50

- Do not use these fittings for PE pipes

Multi/Saddle Straps for use with Iron Multi/Saddle Plus 201

Code No.	Strap Range [in.]		DN min [mm]	DN max [mm]
709 613 930	2.375	3.25	60	80
709 613 932	2.75	3.625	70	90
709 613 934	3.625	4.375	90	110
709 613 936	4.375	5.25	110	130
709 613 938	5.25	6.00	130	150
709 613 940	5.75	6.625	145	165
709 613 942	6.375	7.25	160	180
709 613 944	7.00	7.75	175	195
709 613 946	7.625	8.375	190	210
709 613 948	8.25	9.00	205	225
709 613 950	8.75	9.625	220	240
709 613 952	9.375	10.25	235	255
709 613 954	10.00	10.75	250	270
709 613 956	10.75	11.625	270	290
709 613 958	11.375	12.25	285	305
709 613 960	12.00	12.75	300	320
709 613 962	12.625	13.375	315	335
709 613 964	13.375	14.25	335	355

- Ready to install, studs and nuts in one package
- Do not use these fittings for PE pipes

Multi/Saddle



Hot Tap Adaptor Multi/Saddle Plus 201	
Code No.	Inch
709 613 638	1½



2552



2540



3719

Metals

Metals

Flow and Other Sensors



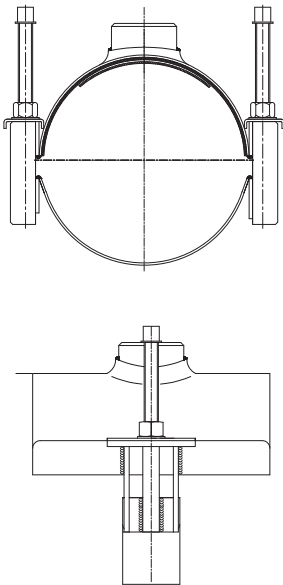
Multi/Clamp Saddle Studs threaded outlet 3/4 inch

Code No.	Range [mm]	PN Water	Sensor Type
724 201 062	68 - 78	16	2350, 2450, 272X, 276X, 277X
724 201 074	88 - 110	16	2350, 2450, 272X, 276X, 277X
724 201 098	108 - 134	16	2350, 2450, 272X, 276X, 277X
724 201 134	133 - 155	16	2350, 2450, 272X, 276X, 277X
724 201 170	159 - 181	16	2350, 2450, 272X, 276X, 277X
724 201 194	168 - 190	16	2350, 2450, 272X, 276X, 277X
724 201 206	190 - 212	16	2350, 2450, 272X, 276X, 277X
724 201 218	216 - 238	16	2350, 2450, 272X, 276X, 277X
724 201 230	238 - 260	16	2350, 2450, 272X, 276X, 277X
724 201 254	267 - 289	16	2350, 2450, 272X, 276X, 277X

Multi/Clamp Saddle Studs threaded outlet 1 1/4 inch

Code No.	Range [mm]	PN Water	Sensor Type
724 201 076	88 - 110	16	2552
724 201 100	108 - 134	16	2552
724 201 136	133 - 155	16	2552
724 201 172	159 - 181	16	2552
724 201 196	168 - 190	16	2552
724 201 208	190 - 212	16	2552
724 201 220	216 - 238	16	2552
724 201 232	238 - 260	16	2552
724 201 256	267 - 289	16	2552

Multi/Saddle



Multi/Clamp Saddle Studs threaded outlet 3/4 inch	
Range [mm]	PN Water
68 - 78	16
88 - 110	16
108 - 134	16
133 - 155	16
159 - 181	16
168 - 190	16
190 - 212	16
216 - 238	16
238 - 260	16
267 - 289	16

- Saddle with threaded outlet
- The rubber gasket is available in NBR (EPDM on request)
- Lower shell half is without gasket (available on request)

Multi/Clamp Saddle Studs threaded outlet 1 1/4 inch	
Range [mm]	PN Water
88 - 110	16
108 - 134	16
133 - 155	16
159 - 181	16
168 - 190	16
190 - 212	16
216 - 238	16
238 - 260	16
267 - 289	16

- Saddle with threaded outlet
- The rubber gasket is available in NBR (EPDM on request)
- Lower shell half is without gasket (available on request)



2552



2540



3719

Metals

Flow and Other Sensors



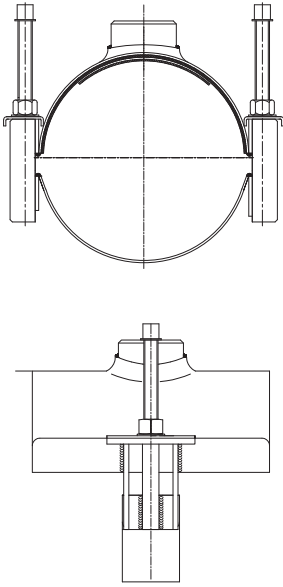
Multi/Clamp Saddle Studs threaded outlet 1½ inch

Code No.	Range [mm]	PN Water	Sensor Type
724 201 101	108 - 134	16	2552, 2540, 3719
724 201 137	133 - 155	16	2552, 2540, 3719
724 201 173	159 - 181	16	2552, 2540, 3719
724 201 197	168 - 190	16	2552, 2540, 3719
724 201 209	190 - 212	16	2552, 2540, 3719
724 201 221	216 - 238	16	2552, 2540, 3719
724 201 233	238 - 260	16	2552, 2540, 3719
724 201 257	267 - 289	16	2552, 2540, 3719

Multi/Clamp Saddle Studs threaded outlet 2 inch

Code No.	Range [mm]	PN Water	Sensor Type
724 201 102	108 - 134	16	3719
724 201 138	133 - 155	16	3719
724 201 174	159 - 181	16	3719
724 201 198	168 - 190	16	3719
724 201 210	190 - 212	16	3719
724 201 222	216 - 238	16	3719
724 201 234	238 - 260	16	3719
724 201 258	267 - 289	16	3719

Multi/Saddle



Multi/Clamp Saddle Studs threaded outlet 1½ inch

Range [mm]	PN Water
108 - 134	16
133 - 155	16
159 - 181	16
168 - 190	16
190 - 212	16
216 - 238	16
238 - 260	16
267 - 289	16

- Saddle with threaded outlet
- The rubber gasket is available in NBR (EPDM on request)
- Lower shell half is without gasket (available on request)

Multi/Clamp Saddle Studs threaded outlet 2 inch

Range [mm]	PN Water
108 - 134	16
133 - 155	16
159 - 181	16
168 - 190	16
190 - 212	16
216 - 238	16
238 - 260	16
267 - 289	16

- Saddle with threaded outlet
- The rubber gasket is available in NBR (EPDM on request)
- Lower shell half is without gasket (available on request)



2552



2540



3719

Table of Contents

Asia Fittings

Material	Fitting	Joint	Gasket	Dimension	Sensor Type	Pressure	Temperature	Page
JIS		Socket fusion	EPDM/FPM	d22 - d60	Flow, pH	-	-	50
		Flange adapters	-	D76-D216	Flow, pH	-	-	50
PVC-U		Saddle/Solvent cementing	EPDM/FPM	d75 - d225	Flow, pH	max. 16 bar	0 °C - +60 °C	52
		Solvent Cementing	FPM	0.50 - 2.0 in.	Flow, pH	max. 16 bar	0 °C - +60 °C	52
		Solvent Cementing	no gasket	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	0 °C - +60 °C	54
		Hot gas back welding	no gasket	0.50 - 2.0 in.	Flow, pH	max. 12.6 bar	0 °C - +60 °C	54
		Clamp-on saddle	EPDM	2.0 - 8.0 in.	Flow, pH	max. 12.6 bar	0 °C - +60 °C	56
		Glue-on saddle	no gasket	10 - 12 in.	Flow	max. 16 bar	0 °C - +60 °C	56
PVC-C		Solvent Cementing	no gasket	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	0 °C - +100 °C	58
		Solvent Cementing	no gasket	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	0 °C - +100 °C	58
PP		Socket Fusion	EPDM/FPM	d20 - d63	Flow, pH	max. 16 bar	-10 °C - +95 °C	60
		Flange adapters	EPDM/FPM	d75 - d315	Flow	max. 16 bar	-10 °C - +95 °C	60
PVDF		Flange adapters	FPM	d75 - d225	Flow	max. 16 bar	-20 °C - +140 °C	62
		Socket fusion	FPM	d20 - d63	Flow, pH	max. 16 bar	-20 °C - +140 °C	62

Material	Fitting	Joint	Gasket	Dimension	Sensor Type	Pressure	Temperature	Page
Fibreglass		Solvent cementing	PVDF insert	1.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	64
		Solvent cementing	PVDF insert to 8 in., PVC insert over 8 in.	3.0 - 12.0 in.	Flow, pH	3 in. max. 10.3 bar 4-8 in. max. 6.9 bar 10-12 in. max. 5.2 bar	3"-8" -15 °C - +100 °C 10, 12" -15 °C - +65 °C	64
ABS		Solvent cementing	no gasket	d25 - d63	Flow, pH	max. 10 bar	-40 °C - +60 °C	66
		Solvent cementing	no gasket	d75 - d225	Flow	max. 10 bar	-40 °C - +60 °C	66
Metals		NPT threaded	PVDF insert up to 8 in. PVC insert over 8 in.	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	68
		Sweat on	No insert up to 1 in. PVDF insert over 1 in.	0.50 - 1.50 in.	Flow, pH	max. 13.8 bar	0 °C - +60 °C	68
		NPT threaded	no gasket/ PVDF insert	1.0 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	68
		NPT threaded	PVDF insert	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	70
		NPT threaded	PVDF insert	1.0 - 2.0 in.	Flow, pH	-	-	70
		Weld-on	PVDF insert up to 8 in. PVC insert over 8 in.	2.5 - 12.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	72
		Braze	PVDF insert up to 8 in. PVC insert over 8 in.	2.5 - 12.0 in.	Flow, pH	-	-	72
		Weld-on	PVDF insert up to 8 in. PVC insert over 8 in.	2.5 - 12 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	74
		Strap-on	Buna-N/PVDF insert up to 8 in. PVC insert over 8 in.	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	74
		Socket weld-on to SS pipe	no gasket	0.50 - 1.0 in.	525-1, 525-1S only	max. 16 bar	-	76
		Weld-on to SS pipe	Klinger C4401 Thermosteal	1.25 - 12.0 in.	525-2, 525-2S only	max. 16 bar	-	76
		Strap-on	Buna-N	2.0 - 12.0 in.	525-3, 525-3S only	-	-	76
		Strap-on	EPDM/NBR	d60 - d355	Other	max. 16 bar	-	78
	Electro-fusion		-	-	-	-	-	-



JIS PVC-U Tee Fittings

EPDM Code No.	FPM Code No.	DN [mm]	Sensor Type
200 072 063	200 070 933	15	Flow -X0, pH -XX
200 072 064	200 070 934	20	Flow -X0, pH -XX
200 072 065	200 070 935	25	Flow -X0, pH -XX
200 072 066	200 070 936	32	Flow -X0, pH -XX
200 072 067	200 070 937	40	Flow -X0, pH -XX
200 072 068	200 070 902	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- These fittings are only available from the Georg Fischer sales office in Japan.

JIS PVC-U Tee Fittings (Flange Type)

Code No.	DN [mm]	Sensor Type
200 070 892	65	Flow -X0, pH -XX
200 070 893	80	Flow -X0, pH -XX
200 070 894	100	Flow -X0, pH -X1
200 070 895	125	Flow -X1
200 070 896	150	Flow -X1
200 070 897	200	Flow -X1

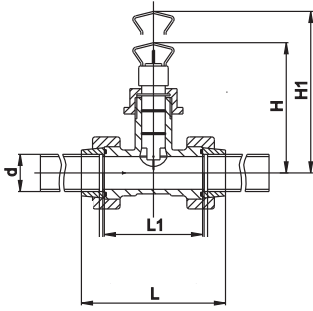
- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX
- These fittings are only available from the Georg Fischer sales office in Japan.

Type 310, PVC-U for Socket Systems JIS

EPDM Code No.	FPM Code No.	d [mm]	DN [mm]	Sensor Type
721 310 506	721 310 536	20	15	Flow -X0, pH -XX
721 310 507	721 310 537	25	20	Flow -X0, pH -XX
721 310 508	721 310 538	32	25	Flow -X0, pH -XX
721 310 509	721 310 539	40	32	Flow -X0, pH -XX
721 310 510	721 310 540	50	40	Flow -X0, pH -XX
721 310 511	721 310 541	63	50	Flow -X0, pH -XX

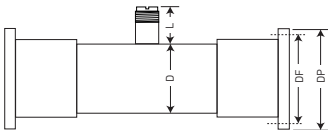
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Tee

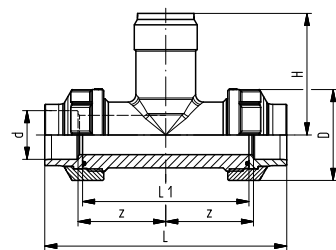


JIS PVC-U Tee Fittings				
d [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]
22	145	225	468	90
26	148	228	144	100
32	151	231	160	110
38	155	235	168	110
48	159	239	188	120
60	164	244	212	130

- Choice FPM or EPR (EPDM) O-ring
- Appearance varies in DN15 mm



JIS PVC-U Tee Fittings (Flange Type)			
D [mm]	DF	DP	L [mm]
76	175	140	57.2
89	185	150	56.8
114	210	175	56.9
140	250	210	82.0
165	280	240	77.8
216	330	290	71.6



Type 310, PVC-U for Socket Systems JIS						
d [mm]	PN	D [mm]	z [mm]	L [mm]	L1 [mm]	H [mm]
20	16	51	56	144	90	76
25	16	51	53	144	100	78
32	16	58	58	160	110	81
40	16	72	58	168	110	85
50	16	83	63	188	120	89
63	16	100	68	212	130	95

- Threaded outlet 1¼ inch NPSM
- Union end with solvent cement socket
- Sensor length depends on installation fitting



2551



2537



2536



515



272X

PVC-U

Flow and pH



Type 312, PVC-U Clamp-on Saddle, metric

Part No.	Code No.	DN [mm]	Sensor Type
PVMS025	198 150 538	65	Flow -X0, pH-XX
PVMS030	198 150 539	80	Flow -X0, pH-XX
PVMS040	198 150 540	100	Flow -X0, pH-XX
PVMS060	198 150 543	150	Flow -X1
PVMS080	198 150 545	200	Flow -X1

- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX
- Sensor length depends on installation fitting
- These fittings are only available from your local Georg Fischer sales office

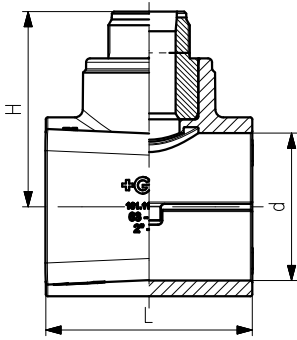


Type 310, PVC-U for Socket Systems metric

Part No.	EPDM Code No.	FPM Code No.	DN [mm]	Sensor Type
PVMT005	721 310 006	721 310 036	15	Flow -X0, pH -XX
PVMT007	721 310 007	721 310 037	20	Flow -X0, pH -XX
PVMT010	721 310 008	721 310 038	25	Flow -X0, pH -XX
PVMT012	721 310 009	721 310 039	32	Flow -X0, pH -XX
PVMT015	721 310 010	721 310 040	40	Flow -X0, pH -XX
PVMT020	721 310 011	721 310 041	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on page 139)
- These fittings are only available from your local Georg Fischer sales office

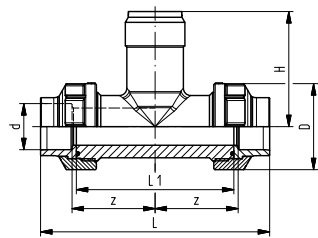
Saddle



Type 312, PVC-U Clamp-on Saddle, metric			
PN	d [mm]	H [mm]	L [mm]
16	75	99	105
16	90	105	105
16	110	114	105
16	160	156	120
16	225	184	120

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Top saddle for solvent cement bonding

Tee



Type 310, PVC-U for Socket Systems metric						
PN	d [mm]	D [mm]	z [mm]	L [mm]	L1 [mm]	H [mm]
16	20	43	48	128	90	76
16	25	51	53	144	100	78
16	32	58	58	160	110	81
16	40	72	58	168	110	85
16	50	83	63	188	120	89
16	63	100	68	212	130	95

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting



2551



2537



2536



515



272X

PVC-U
PVC-C

+GF+

PVC-U

Flow and pH



PVC-U Tee SCH 80 - Fitting Only

Part No.	Code No.	Size [in.]	Sensor Type
MPV8T005F	159 001 614	0.50	Flow -X0, pH -XX
MPV8T007F	159 001 615	0.75	Flow -X0, pH -XX
MPV8T010F	159 001 616	1.00	Flow -X0, pH -XX
MPV8T012F	159 001 617	1.25	Flow -X0, pH -XX
MPV8T015F	159 001 618	1.50	Flow -X0, pH -XX
MPV8T020F	159 001 619	2.00	Flow -X0, pH -XX

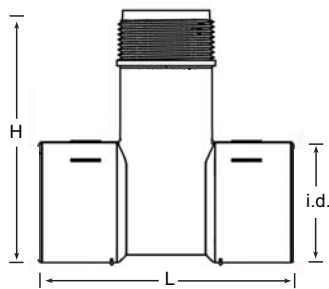
• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

PVC-U Tee SCH 80 - with Pipe

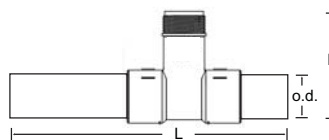
Part No.	Code No.	Size [in.]	Sensor Type
MPV8T005	159 001 623	0.50	Flow -X0, pH -XX
MPV8T007	159 001 624	0.75	Flow -X0, pH -XX
MPV8T010	159 001 625	1.00	Flow -X0, pH -XX
MPV8T012	159 001 626	1.25	Flow -X0, pH -XX
MPV8T015	159 001 627	1.50	Flow -X0, pH -XX
MPV8T020	159 001 628	2.00	Flow -X0, pH -XX

• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

Tee



PVC-U Tee SCH 80 - Fitting only		
L [in.]	H [in.]	i.d [in.]
3.75	3.50	0.85
3.75	3.70	1.06
4.30	4.00	1.33
4.40	4.30	1.67
5.00	4.60	1.91
5.50	5.00	2.40



PVC-U Tee SCH 80 - with Pipe ¹		
L [in.]	H [in.]	o.d [in.]
14	3.50	0.84
14	3.70	1.05
17	4.00	1.32
20	4.30	1.66
24	4.60	1.90
26.5	5.02	2.38

¹Pipe lengths included with these fittings do not satisfy straight-run requirements for all installation configurations.



2551



2537



2536



515



272X

PVC-U
PVC-C

+GF+

PVC-U

Flow and pH



PVC-U Clamp-on Saddles SCH 80

Part No.	Code No.	Size [in.]	Sensor Type
PV8S020	159 000 637	2.00	Flow -X0, pH -XX
PV8S025	159 000 638	2.50	Flow -X0, pH -XX
PV8S030	198 150 577	3.00	Flow -X0, pH -XX
PV8S040	198 150 578	4.00	Flow -X0
PV8S060	198 150 579	6.00	Flow -X1
PV8S080	159 000 639	8.00	Flow -X1

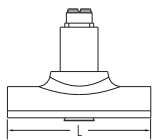
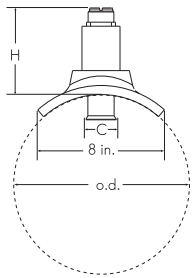
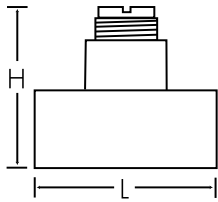
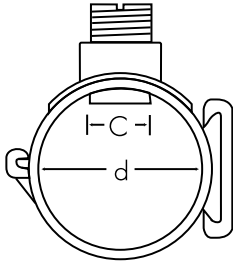
- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX

PVC-U Glue-on Saddle Fitting SCH 80

Part No.	Code No.	Size [in.]	Sensor Type
PV8S100	159 000 695	10.00	Flow -X2
PV8S120	159 000 696	12.00	Flow -X2

- For use with P51530-X2, 3-2536-X2, 3-2551-X2-XX

Saddle



PVC-U Clamp-on Saddles SCH 80

L [in.]	H [in.]	d [in.]	C [in.]
4.00	5.0	2.375	1.43
4.75	5.4	2.875	1.43
5.00	6.0	3.500	1.43
5.00	7.1	4.500	1.43
5.00	10.0	6.625	2.25
5.00	11.5	8.625	2.25

- Mounts on PVC pipe
- C - Clearance dimension
- EPR (EPDM) O-ring

PVC-U Clamp-on Saddles SCH 80

W [in.]	H [in.]	o.d. [in.]	C [in.]
9.0	5.43	10.75	2.25
9.0	5.15	12.75	2.25



2551



2537



2536



515



272X

PVC-U
PVC-C

+GF+

PVC-C

Flow and pH



PVC-C Tees SCH 80 - Fitting Only

Part No.	Code No.	Size [in.]	Sensor Type
MCPV8T005F	159 001 632	0.50	Flow -X0, pH -XX
MCPV8T007F	159 001 633	0.75	Flow -X0, pH -XX
MCPV8T010F	159 001 634	1.00	Flow -X0, pH -XX
MCPV8T012F	159 001 635	1.25	Flow -X0, pH -XX
MCPV8T015F	159 001 636	1.50	Flow -X0, pH -XX
MCPV8T020F	159 001 637	2.00	Flow -X0, pH -XX

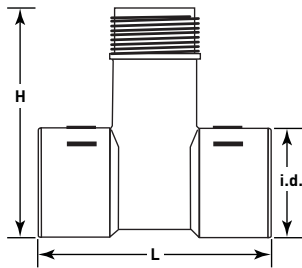
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

PVC-C Tees SCH 80 - with Pipe

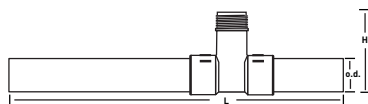
Part No.	Code No.	Size [in.]	Sensor Type
MCPV8T005	159 001 641	0.50	Flow -X0, pH -XX
MCPV8T007	159 001 642	0.75	Flow -X0, pH -XX
MCPV8T010	159 001 643	1.00	Flow -X0, pH -XX
MCPV8T012	159 001 644	1.25	Flow -X0, pH -XX
MCPV8T015	159 001 645	1.50	Flow -X0, pH -XX
MCPV8T020	159 001 646	2.00	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

Tee



PVC-C Tees SCH 80 - Fitting only		
L [in.]	H [in.]	i.d [in.]
3.75	3.50	0.85
3.75	3.70	1.06
4.30	4.00	1.33
4.40	4.30	1.67
5.00	4.60	1.91
5.50	5.00	2.40



PVC-C Tees SCH 80 - with Pipe ¹		
L [in.]	H [in.]	o.d [in.]
14	3.50	0.84
14	3.70	1.05
17	4.00	1.32
20	4.30	1.66
24	4.60	1.90
26.5	5.02	2.38



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515



272X

PVC-U
PVC-C

¹Pipe lengths included with these fittings do not satisfy straight-run requirements for all installation configurations.

+GF+

PP

Flow and pH



Type 310, PROGEF Standard, PP-H for Socket Fusion, metric

Part No.	EPDM Code No.	FPM Code No.	DN [mm]	Sensor Type
PPMT005	727 310 006	727 310 036	15	Flow -X0, pH -XX
PPMT007	727 310 007	727 310 037	20	Flow -X0, pH -XX
PPMT010	727 310 008	727 310 038	25	Flow -X0, pH -XX
PPMT012	727 310 009	727 310 039	32	Flow -X0, pH -XX
PPMT015	727 310 010	727 310 040	40	Flow -X0, pH -XX
PPMT020	727 310 011	727 310 041	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on pg 139)

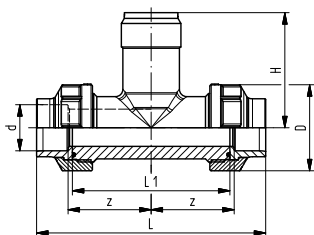


Type 311, PP-H, Wafer fitting, metric and inch

Part No.	EPDM Code No.	FPM Code No.	d [in.]	DN [mm]	Sensor Type
PPMTE025	727 311 012	727 311 042	2.50	65	Flow -X1
PPMTE030	727 311 013	727 311 043	3.00	80	Flow -X1
PPMTE040	727 311 014	727 311 044	4.00	100	Flow -X1
	727 311 015	727 311 045	4.00	100	Flow -X1
PPMTE050	727 311 016	727 311 046	5.00	125	Flow -X1
PPMTE060	727 311 017	727 311 047	6.00	150	Flow -X1
	727 311 018	727 311 048	6.00	150	Flow -X1
	727 311 019	727 311 049	8.00	200	Flow -X1
PPMTE080	727 311 020	727 311 050	8.00	200	Flow -X1
	727 311 021	727 311 051	10.0	250	Flow -X2
PPMTE100	727 311 022	727 311 052	10.0	250	Flow -X2
PPMTE120	727 311 023	727 311 053	12.0	300	Flow -X2

- For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX/X2-XX
- Sensor length depends on installation fitting

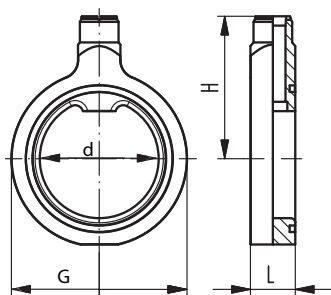
Tee



Type 310, PROGEF Standard, PP-H for Socket Fusion, metric						
PN	d [mm]	D [mm]	Z [mm]	L [mm]	L1 [mm]	H [mm]
10	20	48	50	128	90	76
10	25	58	55	142	100	78
10	32	65	60	156	110	81
10	40	79	60	160	110	85
10	50	91	65	176	120	89
10	63	105	70	194	130	95

- Threaded outlet 1¼ inch NPSM
- Union end with fusion socket PP-H
- FPM are generally stock items

Wafer



Type 311, PP-H, Wafer fitting, metric and inch					
PN	d [mm]	D [mm]	H [mm]	L [mm]	L1 [mm]
16	75	88	133	48	61
16	90	102	140	48	69
16	110	132	145	48	79
16	125	132	144	48	79
16	140	157	149	48	94
16	160	182	156	48	106
16	180	182	163	48	106
16	200	236	170	48	134
16	225	236	178	48	134
16	250	289	263	48	160
16	280	289	273	48	160
16	315	329	285	48	185

- Threaded outlet 1¼ NPSM
- Suitable for backing flanges metric and inch
- Suitable for SDR 11 - SDR 17.6
- Delivered with profile O-ring
- Wafer can be used with other pipe materials
- Sensor length depends on installation fitting



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515



272X

PP

PVDF

Flow and pH



Type 311, SYGEF Standard, PVDF, metric & inch

Part No.	FPM Code No.	d [in.]	DN [mm]	Sensor Type
SFMTF025	735 311 042	2.50	65	Flow -X1
SFMTF030	735 311 043	3.00	80	Flow -X1
SFMTF040	735 311 044	4.00	100	Flow -X1
	735 311 045	4.00	100	Flow -X1
SFMTF050	735 311 046	5.00	125	Flow -X1
SFMTF060	735 311 047	6.00	150	Flow -X1
	735 310 049	8.00	200	Flow -X1
SFMTF080	735 311 050	8.00	200	Flow -X1

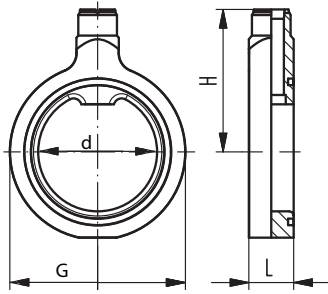
- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX
- Sensor length depends on installation fitting

Type 310, SYGEF Standard, PVDF, Socket Fusion, metric

Part No.	FPM Code No.	DN [mm]	Sensor Type
SFMT005	735 310 036	15	Flow -X0, pH -XX
SFMT007	735 310 037	20	Flow -X0, pH -XX
SFMT010	735 310 038	25	Flow -X0, pH -XX
SFMT012	735 310 039	32	Flow -X0, pH -XX
SFMT015	735 310 040	40	Flow -X0, pH -XX
SFMT020	735 310 041	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting
- To install this installation fitting in PVC-C, PP-R and PE pipes. Replace the original union ends by PVC-C, PP-R and PE union ends. (See table on pg 139)

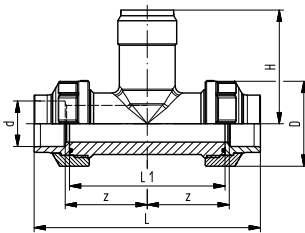
Wafer



Type 311, SYGEF Standard, PVDF, metric & inch					
PN	d [mm]	H [mm]	D [mm]	L [mm]	L1 [mm]
10/16	75	135	88	48	61
10/16	90	141	102	48	69
10/16	110	148	132	48	79
10/16	125	147	132	48	79
10/16	140	153	157	48	94
10/16	160	161	482	48	106
10/16	200	175	236	48	134
10/16	225	185	236	48	134

- Threaded outlet 1¼ inch NPSM
- Suitable for backing flanges metric and inch
- Delivered with profile O-ring
- Wafer can be used with other pipe materials
- Sensor length depends on installation fitting

Tee



Type 310, SYGEF Standard, PVDF, Socket Fusion, metric						
PN	d [mm]	D [mm]	Z [mm]	L [mm]	L1 [mm]	H [mm]
16	20	45	50	128	90	76
16	25	55	55	142	100	78
16	32m	62	60	156	110	81
16	40	75	60	160	110	85
16	50	84	65	176	120	89
16	63	101	70	194	130	95

- Socket fusion equipment is required to install PVDF union tees
- FPM O-rings
- Sensor length depends on installation fitting



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272X

PVDF

+GF+

Fibreglass

Flow and pH



Fibreglass Glue-on Tees

Part No.	Code No.	Size [in.]	Sensor Type
FPT015	159 000 446	1.50	Flow -X0, pH -XX
FPT020	159 000 447	2.00	Flow -X0, pH -XX

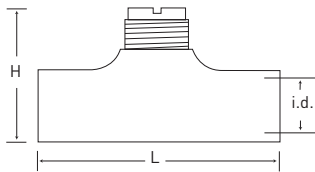
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Fibreglass Glue-on Saddles

Part No.	Code No.	Size [in.]	Sensor Type
FPS030	159 000 441	3.00	Flow -X0, pH -XX
FPS040	159 000 442	4.00	Flow -X0, pH -XX
FPS060	159 000 443	6.00	Flow -X1
FPS080	198 801 417	8.00	Flow -X1
FPS0100	159 000 444	10.00	Flow -X2
FPS0120	159 000 445	12.00	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

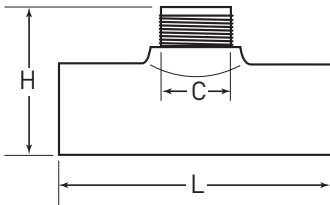
Tee



Fibreglass Glue-on Tees		
L [in.]	H [in.]	i.d. [in.]
5.5	4.7	1.92
7.7	8.0	2.38

- PVDF insert - all sizes
- PTFE wetted material. Contact factory for available options

Saddle



Fibreglass Glue-on Saddles			
L [in.]	H [in.]	o.d. [in.]	C [in.]
5.9	4.5	3.50	1.44
8.0	4.5	4.50	1.44
8.0	6.5	6.62	2.25
10.0	8.0	8.62	2.25
12.0	8.5	10.75	2.25
12.0	8.5	12.75	2.25

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC
- Mounts on fibreglass pipe
- PTFE wetted material. Contact factory for available options.
- Custom sizes available



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272X

Fibre-glass

+GF+

ABS

Flow and pH



Type 310, ABS, metric

Code No.	d [mm]	DN [mm]	Sensor Type
729 310 007	25	20	Flow -X0, pH -XX
729 310 008	32	25	Flow -X0, pH -XX
729 310 009	40	32	Flow -X0, pH -XX
729 310 010	50	40	Flow -X0, pH -XX
729 310 011	63	50	Flow -X0, pH -XX

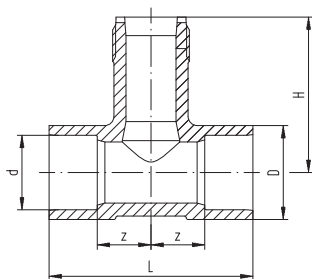
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX
- Sensor length depends on installation fitting

Type 312, ABS Glue-on saddle, metric

Code No.	d [mm]	DN [mm]	Sensor Type
729 312 012	75	65	Flow -X1
729 312 013	90	80	Flow -X1
729 312 014	110	100	Flow -X1
729 312 016	140	125	Flow -X1
729 312 017	160	150	Flow -X1
729 312 019	200	200	Flow -X1
729 312 020	225	200	Flow -X1

- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX
- Sensor length depends on installation fitting

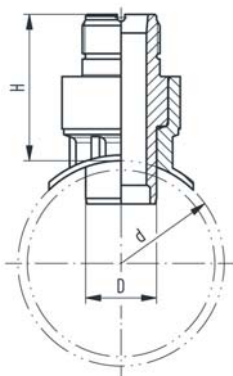
Tee



Type 310, ABS, metric						
PN	d [mm]	D [mm]	L [mm]	H [mm]	z [mm]	closest [inch]
10	25	35	100	78	32	0.75
10	32	44	110	81	33	1.00
10	40	51	110	85	29	1.25
10	50	63	120	89	29	1.50
10	63	78	130	95	28	2.00

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- With solvent cement socket metric

Saddle



Type 312, ABS Glue-on saddle, metric				
PN	d [mm]	D [mm]	H [mm]	closest [inch]
10	75	38	91	2.50
10	90	38	91	3.00
10	110	38	91	4.00
10	140	38	81	5.00
10	160	38	77	6.00
10	200	38	71	8.00
10	225	38	67	8.00

- Threaded outlet 1¼ inch NPSM
- Sensor length depends on installation fitting
- Top saddle for solvent cement bonding



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272X

ABS

Metals

Flow and pH



Carbon Steel Threaded Tees with NPT Threads

Part No.	Code No.	Size [in.]	Sensor Type
CS4T005	198 801 459	0.50	Flow -X0, pH -XX
CS4T007	198 801 460	0.75	Flow -X0, pH -XX
CS4T010	198 801 461	1.00	Flow -X0, pH -XX
CS4T012	198 801 462	1.25	Flow -X0, pH -XX
CS4T015	198 801 419	1.50	Flow -X0, pH -XX
CS4T020	198 801 463	2.00	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Copper Sweat-on Tee with PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
CUKT005	198 801 687	0.50	Flow -X0, pH -XX
CUKT007	198 801 688	0.75	Flow -X0, pH -XX
CUKT010	198 801 689	1.00	Flow -X0, pH -XX
CUKT012	198 801 690	1.25	Flow -X0, pH -XX
CUKT015	198 801 691	1.50	Flow -X0, pH -XX
CUKT020	198 801 418	2.00	Flow -X0, pH -XX

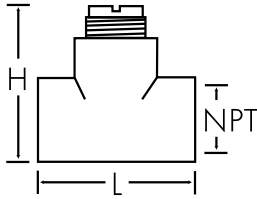
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Galvanized Iron Threaded Tee with NPT Threads and PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
IR4T010	198 801 421	1.00	Flow -X0, pH -XX
IR4T012	198 801 422	1.25	Flow -X0, pH -XX
IR4T015	198 801 423	1.50	Flow -X0, pH -XX
IR4T020	198 801 424	2.00	Flow -X0, pH -XX

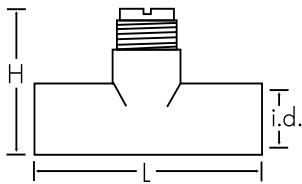
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Tee



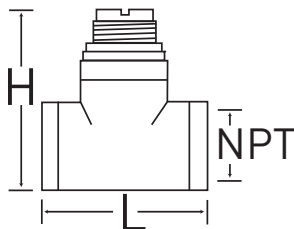
Carbon Steel Threaded Tees with NPT Threads	
L [in.]	H [in.]
3.6	4.0
3.6	4.2
3.6	4.2
3.8	4.5
4.1	4.8
4.9	5.3

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



Copper Sweat-on Tee with PVDF insert		
L [in.]	H [in.]	i.d. [in.]
3.15	3.57	0.62
2.96	3.52	0.87
3.23	3.80	1.12
4.16	4.12	1.38
4.43	4.34	1.63
5.31	4.86	2.11

- No insert up to 1 in., over 1 in. - PVDF insert
- For use with copper pipe (SCH K)
- PTFE wetted material. Contact factory for available options.



Galvanized Iron Threaded Tee with NPT Threads and PVDF insert		
NPT	L [in.]	H [in.]
1.00	3.4	4.1
1.25	3.56	4.34
1.50	3.75	4.67
2.00	3.90	5.05

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



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272X

Metals

Flow and pH



316 SS (1.4401) Threaded Tees with NPT Threads and PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
CR4T005	198 801 554	0.50	Flow -X0, pH -XX
CR4T007	198 801 555	0.75	Flow -X0, pH -XX
CR4T010	198 801 556	1.00	Flow -X0, pH -XX
CR4T012	198 801 783	1.25	Flow -X0, pH -XX
CR4T015	198 801 784	1.50	Flow -X0, pH -XX
CR4T020	198 801 785	2.00	Flow -X0, pH -XX

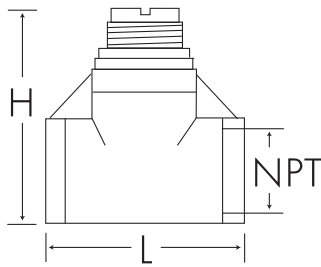
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Brass Threaded Tee with NPT Threads and PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
BR4T010	198 801 770	1.00	Flow -X0, pH -XX
BR4T012	198 801 771	1.25	Flow -X0, pH -XX
BR4T015	198 801 772	1.50	Flow -X0, pH -XX
BR4T020	198 801 773	2.00	Flow -X0, pH -XX

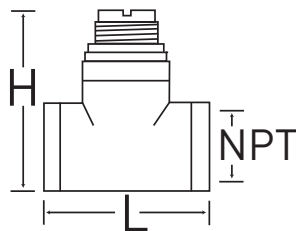
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Tee



316 SS (1.4401) Threaded Tees with NPT Threads and PVDF insert	
L [in.]	H [in.]
3.6	4.0
3.6	4.2
3.6	4.2
3.8	4.5
4.1	4.8
4.9	5.3

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



Brass Threaded Tee with NPT Threads and PVDF insert		
NPT [in.]	L [in.]	H [in.]
1.00	3.36	4.09
1.25	3.42	4.42
1.50	3.46	4.70
2.00	3.68	5.19

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



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272X

Metals

Flow and pH



Carbon Steel Weld-on Weldolets for use with SCH 40 metal pipe (ASTM)

Part No.	Code	Size [in.]	Sensor Type
CS4W025	198 801 464	2.50	Flow -X0, pH -XX
CS4W030	198 801 557	3.00	Flow -X0, pH -XX
CS4W040	198 801 552	4.00	Flow -X0, pH -XX
CS4W050	198 801 465	5.00	Flow -X1
CS4W060	198 801 553	6.00	Flow -X1
CS4W080	198 801 574	8.00	Flow -X1
CS4W100	198 801 575	10.0	Flow -X2
CS4W120	198 801 576	12.0	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

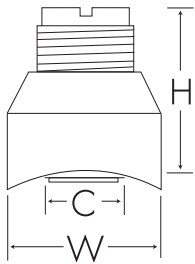


Brass Brazolet with PVDF insert for use with copper pipe (SCH 40 ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
BR4B025	198 801 794	2.50	Flow -X0, pH -XX
BR4B030	198 801 795	3.00	Flow -X0, pH -XX
BR4B040	198 801 796	4.00	Flow -X0, pH -XX
BR4B050	198 801 797	5.00	Flow -X1
BR4B060	198 801 798	6.00	Flow -X1
BR4B080	198 801 799	8.00	Flow -X1
BR4B100	198 801 800	10.0	Flow -X2
BR4B120	198 801 801	12.0	Flow -X2

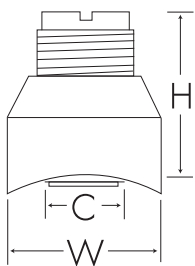
- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

Tee



Carbon Steel Weld-on Weldolets for use with SCH 40 metal pipe (ASTM)		
W [in.]	H [in.]	C [in.]
2.60	2.48	1.31
2.60	2.47	1.31
2.60	2.45	1.31
3.50	3.24	2.10
3.50	3.11	2.10
3.50	2.88	2.10
3.50	5.63	2.10
3.50	5.40	2.10

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- PTFE wetted material. Contact factory for available options.



Brass Brazolet with PVDF insert for use with copper pipe (SCH 40 ASTM)		
W [in.]	H [in.]	C [in.]
2.50	2.48	1.31
2.50	2.47	1.31
2.50	2.45	1.31
3.50	3.24	2.10
3.50	3.11	2.10
3.50	2.88	2.10
3.50	5.63	2.10
3.50	5.40	2.10

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- PTFE wetted material. Contact factory for available options.



2551



2537



2536



515



272X

Metals

Flow and pH



316 SS (1.4401) Weldolets with PVDF insert for use with SCH 40 metal pipe (ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
CR4W025	198 801 786	2.50	Flow -X0, pH -XX
CR4W030	198 801 787	3.00	Flow -X0, pH -XX
CR4W040	198 801 788	4.00	Flow -X0, pH -XX
CR4W050	198 801 789	5.00	Flow -X1
CR4W060	198 801 790	6.00	Flow -X1
CR4W080	198 801 791	8.00	Flow -X1
CR4W100	198 801 792	10.0	Flow -X2
CR4W120	198 801 793	12.0	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

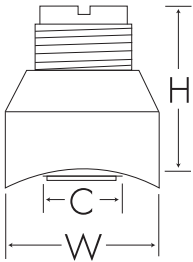


Iron Strap-on Saddle for use with SCH 80 metal pipe (ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
IR8S020	198 801 425	2.00	Flow -X0, pH -XX
IR8S025	198 801 426	2.50	Flow -X0, pH -XX
IR8S030	198 801 427	3.00	Flow -X0, pH -XX
IR8S040	198 801 420	4.00	Flow -X0, pH -XX
IR8S050	198 801 429	5.00	Flow -X1
IR8S060	198 801 430	6.00	Flow -X1
IR8S080	198 801 431	8.00	Flow -X1
IR8S100	198 801 432	10.0	Flow -X2
IR8S120	198 801 433	12.0	Flow -X2

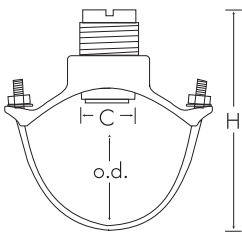
- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

Tee



316 SS (1.4401) Weldolets with PVDF insert for use with SCH 40 metal pipe (ASTM)		
W [in.]	H [in.]	C [in.]
2.50	2.48	1.31
2.50	2.47	1.31
2.50	2.45	1.31
3.50	3.24	2.10
3.50	3.11	2.10
3.50	2.88	2.10
3.50	5.63	2.10
3.50	5.40	2.10

- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- C - Clearance dimension
- PTFE wetted material. Contact factory for available options.



Iron Strap-on Saddle for use with SCH 80 metal pipe (ASTM)			
H [in.]	o.d. min [in.]	o.d. max [in.]	C [in.]
5.5	2.35	2.56	1.44
5.5	2.44	2.91	1.44
6.5	2.97	3.54	1.44
7.5	3.74	4.55	2.25
9.0	4.74	5.63	2.25
10.5	5.94	6.70	2.25
12.0	7.69	8.72	2.25
18.0	10.64	12.12	2.25
20.0	12.62	14.32	2.25

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- Buna-N O-ring
- Larger sizes may be available and PTFE wetted material. Contact factory.



2551



2537



2536



515



272X

Metals

Flow and pH



Metalex Socket Weld Mini-Tap (1.4401)				
Part No.	Code No.	DN [mm]	Size [in.]	Sensor Type
P526-2005	198 840 501	15	0.50	P525-1, -1S
P526-2007	198 840 502	20	0.75	P525-1, -1S
P526-2010	198 840 503	25	1.00	P525-1, -1S

- For use with P525-1 and P525-1S only



Metalex Weld-on Mini-Tap (1.4401)			
Part No.	Code No.	Size [in.]	Sensor Type
P526-2012	159 000 494	1.25	P525-2, -2S
P526-2015	198 840 506	1.50	P525-2, -2S
P526-2020	159 000 495	2.00	P525-2, -2S
P526-2025	159 000 496	2.50	P525-2, -2S
P526-2030	159 000 497	3.00	P525-2, -2S
P526-2040	159 000 498	4.00	P525-2, -2S
P526-2050	159 000 499	5.00	P525-2, -2S
P526-2060	159 000 500	6.00	P525-2, -2S
P526-2080	159 000 501	8.00	P525-2, -2S
P526-2100	159 000 502	10.00	P525-2, -2S
P526-2120	159 000 503	12.00	P525-2, -2S

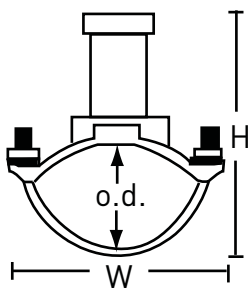
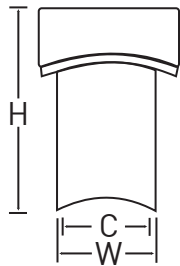
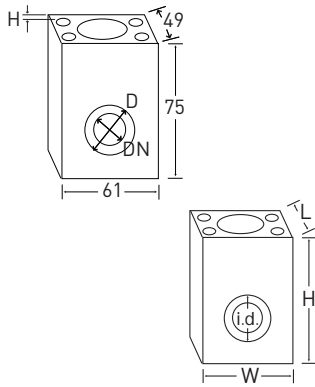
- For use with P525-2 and P525-2S only



Metalex Strap-on Saddle (1.4401)			
Part No.	Code No.	Size [in.]	Sensor Type
P526-1020	159 000 484	2.00	P525-3, -3S
P526-1025	159 000 485	2.50	P525-3, -3S
P526-1030	159 000 486	3.00	P525-3, -3S
P526-1040	159 000 487	4.00	P525-3, -3S
P526-1050	159 000 488	5.00	P525-3, -3S
P526-1060	159 000 489	6.00	P525-3, -3S
P526-1080	159 000 490	8.00	P525-3, -3S
P526-1100	159 000 491	10.00	P525-3, -3S
P526-1120	159 000 492	12.00	P525-3, -3S

- For use with P525-3 and P525-3S only

Weld-on mini-tap



Metalex Socket Weld Mini-Tap (1.4401)					
D [mm]	H [mm]	L [in.]	W [in.]	H [in.]	i.d. [in.]
21.8	8.4	2.0	2.4	3.0	0.85
27.2	12.7	2.0	2.4	3.0	1.06
33.9	12.7	2.0	2.4	3.0	1.325

- For use with SS pipe

Metalex Weld-on Mini-Tap (1.4401)		
W [in.]	H [in.]	C [in.]
1.66	2.25	1.26
1.66	2.20	1.26
1.66	2.17	1.26
1.66	2.10	1.26
1.66	2.00	1.26
1.66	1.95	1.26
1.66	1.83	1.26
1.66	1.75	1.26
1.66	1.56	1.26
1.66	1.35	1.26
1.66	1.15	1.26

- For use with SS pipe
- Gasket Klinger C4401 Thermoseal

Metalex Strap-on Saddle (1.4401)			
W [in.]	H [in.]	o.d. min [in.]	o.d. max [in.]
5.5	7.0	2.35	2.56
5.5	7.0	2.44	2.91
6.0	7.5	2.97	3.54
7.0	8.0	3.74	4.55
8.0	10.0	4.74	5.63
9.5	10.5	5.94	6.70
12.0	12.75	7.69	8.72
15.0	14.5	10.64	12.12
17.0	17.0	12.62	14.32

- For use with SS pipe



525

Metals

Flow and Other Sensors



Iron Multi/Saddle Plus 201

EPDM Code	NBR Code	Inch	PN Water	PN Gas	Sensor Type
709 613 736	709 613 836	1.25	16.0	5.0	2552-2
709 613 738	709 613 838	1.50	16.0	5.0	2552-3, 2540-XX, 3719-11

- For use with 3-2552-2X/-3X, 3-2540-XX, 3-3719-11 Wet-Tap assembly with the 3-275X-WTX Wet-Tap electrode
- Do not use these fittings for PE pipes
- 1½ and 2 inch saddles must be applied for pipes DN80 or larger

Multi/Saddle Plus Spatula for use with Iron Multi/Saddle Plus 201

Code No.	Description
709 613 904	Spatula for saddle outlet 1¼ inch
709 613 905	Spatula for saddle outlet 1½ inch / d40 + d50

- Do not use these fittings for PE pipes

Multi/Saddle Straps for use with Iron Multi/Saddle Plus 201

Code No.	Strap Range [in.]	DN min [mm]	DN max [mm]
709 613 930	2.375	3.25	60
709 613 932	2.75	3.625	70
709 613 934	3.625	4.375	90
709 613 936	4.375	5.25	110
709 613 938	5.25	6.00	130
709 613 940	5.75	6.625	145
709 613 942	6.375	7.25	160
709 613 944	7.00	7.75	175
709 613 946	7.625	8.375	190
709 613 948	8.25	9.00	205
709 613 950	8.75	9.625	220
709 613 952	9.375	10.25	235
709 613 954	10.00	10.75	250
709 613 956	10.75	11.625	270
709 613 958	11.375	12.25	285
709 613 960	12.00	12.75	300
709 613 962	12.625	13.375	315
709 613 964	13.375	14.25	335

- Ready to install, studs and nuts in one package
- Do not use these fittings for PE pipes

Multi/Saddle



Hot Tap Adaptor Multi/Saddle Plus 201	
Code No.	Inch
709 613 638	1½



2552



2540



3719

Electrofusion Flow and pH



Electrofusion for PE pipes: Transition Saddles with Stainless 1 1/4 inch Outlet

Part No.	Size [in.]	Sensor Type
10004673	2.0	2552-1
10004686	3.0	2552-1
10004700	4.0	2552-1
10004717	6.0	2552-1
10004740	8.0	2552-1
Special request	10.0	2552-1 or -2
Special request	12.0	2552-1 or -2

1 1/2 inch outlet

10004676	2.0	2552-3, 2540-XX, 3719-11
10004689	3.0	2552-3, 2540-XX, 3719-11
10004703	4.0	2552-3, 2540-XX, 3719-11
10004720	6.0	2552-3, 2540-XX, 3719-11
10004743	8.0	2552-3, 2540-XX, 3719-11
Special request	10.0	2552-3, 2540-XX, 3719-11
Special request	12.0	2552-3, 2540-XX, 3719-11

- Transition saddle with 1 1/4 FNPT branch/outlet
- Transition saddle with 1 1/2 FNPT branch/outlet
- These fittings are only available from your local Georg Fischer sales office

Electrofusion

Electrofusion for PE pipes: Transition Saddles with Stainless Outlet		
L [in.]	H [in.]	d [in.]
3.6	3.18	N/A
4.6	3.18	N/A
6.26	3.8	N/A
8.68	4.96	N/A
5.92	2.96	N/A
Call	Call	N/A
Call	Call	N/A
3.6	3.18	N/A
4.6	3.18	N/A
6.26	3.8	N/A
8.68	4.96	N/A
5.92	2.96	N/A
Call	Call	N/A
Call	Call	N/A



2552



2540



3719

Table of Contents

USA Fittings

Material	Fitting	Joint	Gasket	Dimension	Sensor Type	Pressure	Temperature	Page
PVC		Solvent Cementing	FPM	0.50 - 2.0 in.	Flow, pH	max. 16 bar	0 °C - +60 °C	84
		Solvent Cementing	no gasket	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	0 °C - +60 °C	86
		Hot gas back welding	no gasket	0.50 - 2.0 in.	Flow, pH	max. 12.6 bar	0 °C - +60 °C	86
		Clamp-on saddle	EPDM	2.0 - 8.0 in.	Flow, pH	max. 12.6 bar	0 °C - +60 °C	88
		Glue-on saddle	no gasket	10 - 12 in.	Flow	max. 16 bar	0 °C - +60 °C	88
CPVC		Solvent Cementing	no gasket	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	0 °C - +100 °C	90
		Solvent Cementing	no gasket	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	0 °C - +100 °C	90
PP		Socket Fusion	EPDM/FPM	d20 - d63	Flow, pH	max. 16 bar	-10 °C - +95 °C	92
		Flange adapters	EPDM/FPM	d75 - d315	Flow	max. 16 bar	-10 °C - +95 °C	92
PVDF		Flange adapters	FPM	d75 - d225	Flow	max. 16 bar	-20 °C - +140 °C	94
		Socket fusion	FPM	d20 - d63	Flow, pH	max. 16 bar	-20 °C - +140 °C	94
Fiberglass		Solvent cementing	PVDF insert	1.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C - +100 °C	96
		Solvent cementing	PVDF insert to 8 in., PVC insert over 8 in.	3.0 - 12.0 in.	Flow, pH	3 in. max. 10.3 bar 4-8 in. max. 6.9 bar 10-12 in. max. 5.2 bar	3"-8" -15 °C - +100 °C 10, 12" -15 °C - +65 °C	96

Material	Fitting	Joint	Gasket	Dimension	Sensor Type	Pressure	Temperature	Page
Metals		NPT threaded	PVDF insert up to 8 in. PVC insert over 8 in.	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C – +100 °C	98
		Sweat on	No insert up to 1 in. PVDF insert over 1 in.	0.50 - 1.50 in.	Flow, pH	max. 13.8 bar	0 °C – +60 °C	98
		NPT threaded	no gasket/ PVDF insert	1.0 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C – +100 °C	98
		NPT threaded	PVDF insert	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C – +100 °C	100
		NPT threaded	PVDF insert	1.0 - 2.0 in.	Flow, pH	-	-	100
		Weld-on	PVDF insert up to 8 in. PVC insert over 8 in.	2.5 - 12.0 in.	Flow, pH	max. 13.8 bar	-15 °C – +100 °C	102
		Braze	PVDF insert up to 8 in. PVC insert over 8 in.	2.5 - 12.0 in.	Flow, pH	-	-	102
		Weld-on	PVDF insert up to 8 in. PVC insert over 8 in.	2.5 - 12 in.	Flow, pH	max. 13.8 bar	-15 °C – +100 °C	104
		Strap-on	Buna-N/PVDF insert up to 8 in. PVC insert over 8 in.	0.50 - 2.0 in.	Flow, pH	max. 13.8 bar	-15 °C – +100 °C	104
		Socket weld-on to SS pipe	-	0.50 - 1.0 in.	525-1, 525-1S only	-	-	106
		Weld-on to SS pipe	Klinger C4401 Thermoseal	1.25 - 12.0 in.	525-2, 525-2S only	-	-	106
		Strap-on	Buna-N	2.0 - 12.0 in.	525-3, 525-3S only	-	-	106
		Strap-on	EPDM/NBR	d60 - d355	Other	max. 16 bar	-	108
	Electrofusion		-	-	-	-	-	-

+GF+

PVC

Flow and pH

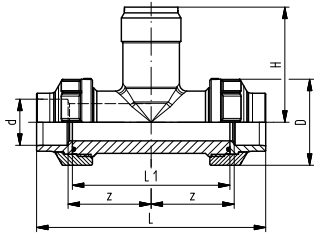


Type 310, PVC for Socket Systems ASTM inch

EPDM Code No.	FPM Code No.	d [in.]	DN [mm]	Sensor Type
721 310 406	721 310 436	½ in.	15 mm	Flow -X0, pH -XX
721 310 407	721 310 437	¾ in.	20 mm	Flow -X0, pH -XX
721 310 408	721 310 438	1 in.	25 mm	Flow -X0, pH -XX
721 310 409	721 310 439	1¼ in.	32 mm	Flow -X0, pH -XX
721 310 410	721 310 440	1½ in.	40 mm	Flow -X0, pH -XX
721 310 411	721 310 441	2 in.	50 mm	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0, 3-272X-XX
- These fittings are only available from your local Georg Fischer sales office

Tee



Type 310, PVC for Socket Systems ASTM inch					
PN	D [mm]	z [mm]	L [mm]	L1 [mm]	H [mm]
16	43	48	140	90	76
16	51	53	156	100	78
16	58	58	174	110	81
16	72	58	180	110	85
16	83	63	196	120	89
16	100	68	212	130	95



2551



2537



2536



515



272X

PVC
CPVC

+GF+

PVC

Flow and pH



PVC Tee SCH 80 - Fitting Only

Part No.	Code No.	Size [in.]	Sensor Type
MPV8T005F	159 001 614	0.50	Flow -X0, pH -XX
MPV8T007F	159 001 615	0.75	Flow -X0, pH -XX
MPV8T010F	159 001 616	1.00	Flow -X0, pH -XX
MPV8T012F	159 001 617	1.25	Flow -X0, pH -XX
MPV8T015F	159 001 618	1.50	Flow -X0, pH -XX
MPV8T020F	159 001 619	2.00	Flow -X0, pH -XX

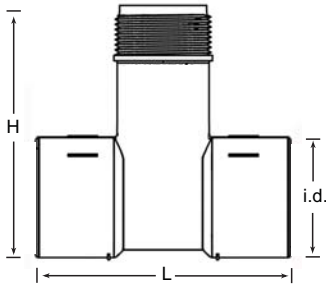
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

PVC Tee SCH 80 - with Pipe

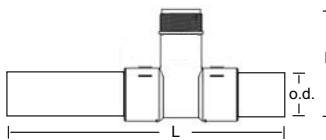
Part No.	Code No.	Size [in.]	Sensor Type
MPV8T005	159 001 623	0.50	Flow -X0, pH -XX
MPV8T007	159 001 624	0.75	Flow -X0, pH -XX
MPV8T010	159 001 625	1.00	Flow -X0, pH -XX
MPV8T012	159 001 626	1.25	Flow -X0, pH -XX
MPV8T015	159 001 627	1.50	Flow -X0, pH -XX
MPV8T020	159 001 628	2.00	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

Tee



PVC Tee SCH 80 - Fitting only		
L [in.]	H [in.]	i.d [in.]
3.75	3.50	0.85
3.75	3.70	1.06
4.30	4.00	1.33
4.40	4.30	1.67
5.00	4.60	1.91
5.50	5.00	2.40



PVC Tee SCH 80 - with Pipe ¹		
L [in.]	H [in.]	o.d [in.]
14	3.50	0.84
14	3.70	1.05
17	4.00	1.32
20	4.30	1.66
24	4.60	1.90
26.5	5.02	2.38

¹Pipe lengths included with these fittings do not satisfy straight-run requirements for all installation configurations.



2551



2537



2536



515



272X

PVC
CPVC

+GF+

PVC

Flow and pH



PVC Clamp-on Saddles SCH 80

Part No.	Code No.	Size [in.]	Sensor Type
PV8S020	159 000 637	2.00	Flow -X0, pH -XX
PV8S025	159 000 638	2.50	Flow -X0, pH -XX
PV8S030	198 150 577	3.00	Flow -X0, pH -XX
PV8S040	198 150 578	4.00	Flow -X0
PV8S060	198 150 579	6.00	Flow -X1
PV8S080	159 000 639	8.00	Flow -X1

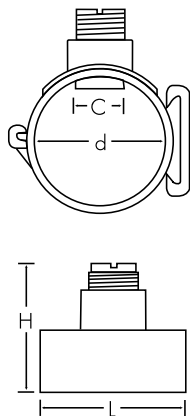
- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX

PVC Glue-on Saddle Fitting SCH 80

Part No.	Code No.	Size [in.]	Sensor Type
PV8S100	159 000 695	10.00	Flow -X2
PV8S120	159 000 696	12.00	Flow -X2

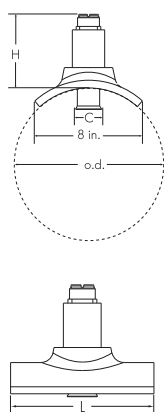
- For use with P51530-X2, 3-2536-X2, 3-2551-X2-XX

Saddle



PVC Clamp-on Saddles SCH 80			
L [in.]	H [in.]	d [in.]	C [in.]
4.00	5.0	2.375	1.43
4.75	5.4	2.875	1.43
5.00	6.0	3.500	1.43
5.00	7.1	4.500	1.43
5.00	10.0	6.625	2.25
5.00	11.5	8.625	2.25

- Mounts on PVC pipe
- C - Clearance dimension
- EPR (EPDM) O-ring



PVC Clamp-on Saddles SCH 80			
W [in.]	H [in.]	o.d. [in.]	C [in.]
9.0	5.43	10.75	2.25
9.0	5.15	12.75	2.25



2551



2537



2536



515



272X

PVC
CPVC

+GF+

CPVC

Flow and pH



PVC-C Tees SCH 80 - Fitting Only

Part No.	Code No.	Size [in.]	Sensor Type
MCPV8T005F	159 001 632	0.50	Flow -X0, pH -XX
MCPV8T007F	159 001 633	0.75	Flow -X0, pH -XX
MCPV8T010F	159 001 634	1.00	Flow -X0, pH -XX
MCPV8T012F	159 001 635	1.25	Flow -X0, pH -XX
MCPV8T015F	159 001 636	1.50	Flow -X0, pH -XX
MCPV8T020F	159 001 637	2.00	Flow -X0, pH -XX

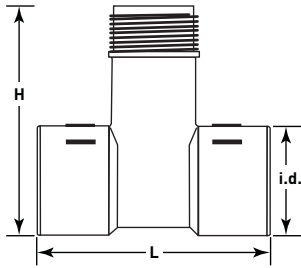
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

PVC-C Tees SCH 80 - with Pipe

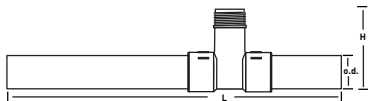
Part No.	Code No.	Size [in.]	Sensor Type
MCPV8T005	159 001 641	0.50	Flow -X0, pH -XX
MCPV8T007	159 001 642	0.75	Flow -X0, pH -XX
MCPV8T010	159 001 643	1.00	Flow -X0, pH -XX
MCPV8T012	159 001 644	1.25	Flow -X0, pH -XX
MCPV8T015	159 001 645	1.50	Flow -X0, pH -XX
MCPV8T020	159 001 646	2.00	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX

Tee



PVC-C Tees SCH 80 - Fitting only		
L [in.]	H [in.]	i.d [in.]
3.75	3.50	0.85
3.75	3.70	1.06
4.30	4.00	1.33
4.40	4.30	1.67
5.00	4.60	1.91
5.50	5.00	2.40



PVC-C Tees SCH 80 - with Pipe ¹		
L [in.]	H [in.]	o.d [in.]
14	3.50	0.84
14	3.70	1.05
17	4.00	1.32
20	4.30	1.66
24	4.60	1.90
26.5	5.02	2.38



2551



2537



2536



515



272X

PVC
CPVC

¹Pipe lengths included with these fittings do not satisfy straight-run requirements for all installation configurations.

+GF+

PP

Flow and pH



Type 310, PROGEF Standard, PP-H for Socket Fusion, metric

Part No.	EPDM Code No.	FPM Code No.	DN [mm]	Sensor Type
PPMT005	727 310 006	727 310 036	15	Flow -X0, pH -XX
PPMT007	727 310 007	727 310 037	20	Flow -X0, pH -XX
PPMT010	727 310 008	727 310 038	25	Flow -X0, pH -XX
PPMT012	727 310 009	727 310 039	32	Flow -X0, pH -XX
PPMT015	727 310 010	727 310 040	40	Flow -X0, pH -XX
PPMT020	727 310 011	727 310 041	50	Flow -X0, pH -XX

• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

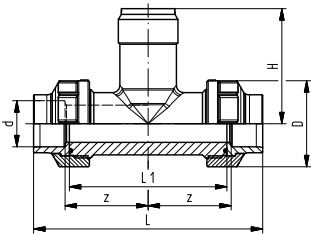


Type 311, PP-H, Wafer fitting, metric and inch

Part No.	EPDM Code No.	FPM Code No.	d [in.]	DN [mm]	Sensor Type
PPMTE025	727 311 012	727 311 042	2.50	65	Flow -X1
PPMTE030	727 311 013	727 311 043	3.00	80	Flow -X1
PPMTE040	727 311 014	727 311 044	4.00	100	Flow -X1
	727 311 015	727 311 045	4.00	100	Flow -X1
PPMTE050	727 311 016	727 311 046	5.00	125	Flow -X1
PPMTE060	727 311 017	727 311 047	6.00	150	Flow -X1
	727 311 018	727 311 048	6.00	150	Flow -X1
	727 311 019	727 311 049	8.00	200	Flow -X1
PPMTE080	727 311 020	727 311 050	8.00	200	Flow -X1
	727 311 021	727 311 051	10.0	250	Flow -X2
PPMTE100	727 311 022	727 311 052	10.0	250	Flow -X2
PPMTE120	727 311 023	727 311 053	12.0	300	Flow -X2

• For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX/X2-XX

Tee



Type 310, PROGEF Standard, PP-H for Socket Fusion, metric						
PN	d [mm]	D [mm]	Z [mm]	L [mm]	L1 [mm]	H [mm]
10	20	48	50	128	90	76
10	25	58	55	142	100	78
10	32	65	60	156	110	81
10	40	79	60	160	110	85
10	50	91	65	176	120	89
10	63	105	70	194	130	95

- Threaded outlet 1¼ inch NPSM
- Union end with fusion socket PP-H



2551



2537



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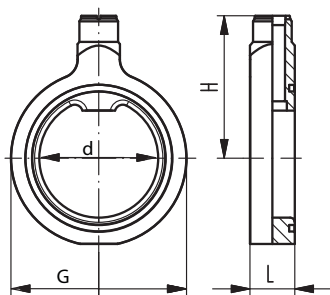


515



272X

Wafer



Type 311, PP-H, Wafer fitting, metric and inch					
PN	d [mm]	D [mm]	H [mm]	L [mm]	L1 [mm]
16	75	88	133	48	61
16	90	102	140	48	69
16	110	132	145	48	79
16	125	132	144	48	79
16	140	157	149	48	94
16	160	182	156	48	106
16	180	182	163	48	106
16	200	236	170	48	134
16	225	236	178	48	134
16	250	289	263	48	160
16	280	289	273	48	160
16	315	329	285	48	185

- Threaded outlet 1¼ NPSM
- Suitable for backing flanges metric and inch
- Suitable for SDR 11 - SDR 17.6
- Delivered with profile O-ring
- Wafer can be used with other pipe materials

PP

+GF+

PVDF

Flow and pH



Type 311, SYGEF Standard, metric and inch

Part No.	FPM Code No.	d [in.]	DN [mm]	Sensor Type
SFMTF025	735 311 042	2.50	65	Flow -X1
SFMTF030	735 311 043	3.00	80	Flow -X1
SFMTF040	735 311 044	4.00	100	Flow -X1
	735 311 045	4.00	100	Flow -X1
SFMTF050	735 311 046	5.00	125	Flow -X1
SFMTF060	735 311 047	6.00	150	Flow -X1
	735 310 049	8.00	200	Flow -X1
SFMTF080	735 311 050	8.00	200	Flow -X1

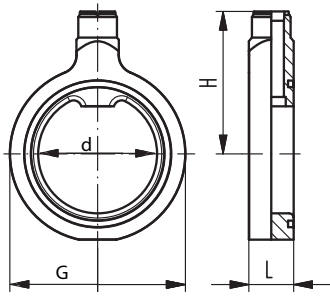
- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX

Type 310, SYGEF Standard, PVDF, metric

Part No.	FPM Code No.	DN [mm]	Sensor Type
SFMT005	735 310 036	15	Flow -X0, pH -XX
SFMT007	735 310 037	20	Flow -X0, pH -XX
SFMT010	735 310 038	25	Flow -X0, pH -XX
SFMT012	735 310 039	32	Flow -X0, pH -XX
SFMT015	735 310 040	40	Flow -X0, pH -XX
SFMT020	735 310 041	50	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Wafer



Type 311, SYGEF Standard, metric and inch					
PN	d [mm]	H [mm]	D [mm]	L [mm]	L1 [mm]
10/16	75	135	88	48	61
10/16	90	141	102	48	69
10/16	110	148	132	48	79
10/16	125	147	132	48	79
10/16	140	153	157	48	94
10/16	160	161	482	48	106
10/16	200	175	236	48	134
10/16	225	185	236	48	134

- Threaded outlet 1¼ inch NPSM
- Suitable for backing flanges metric and inch
- Delivered with profile O-ring
- Wafer can be used with other pipe materials



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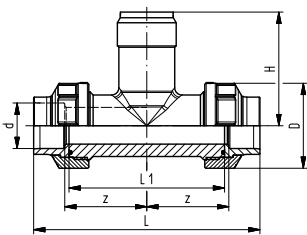


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272X

Tee



Type 310, SYGEF Standard, PVDF, metric						
PN	d [mm]	D [mm]	Z [mm]	L [mm]	L1 [mm]	H [mm]
16	20	45	50	128	90	76
16	25	55	55	142	100	78
16	32	62	60	156	110	81
16	40	75	60	160	110	85
16	50	84	65	176	120	89
16	63	101	70	194	130	95

- Socket fusion equipment is required to install PVDF union tees
- FPM O-rings

PVDF

+GF+

Fiberglass

Flow and pH



Fiberglass Glue-on Tees

Part No.	Code No.	Size [in.]	Sensor Type
FPT015	159 000 446	1.50	Flow -X0, pH -XX
FPT020	159 000 447	2.00	Flow -X0, pH -XX

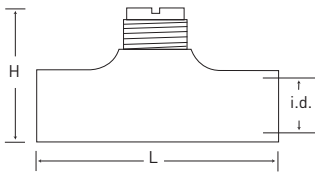
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Fiberglass Glue-on Saddles

Part No.	Code No.	Size [in.]	Sensor Type
FPS030	159 000 441	3.00	Flow -X0, pH -XX
FPS040	159 000 442	4.00	Flow -X0, pH -XX
FPS060	159 000 443	6.00	Flow -X1
FPS080	198 801 417	8.00	Flow -X1
FPS0100	159 000 444	10.00	Flow -X2
FPS0120	159 000 445	12.00	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

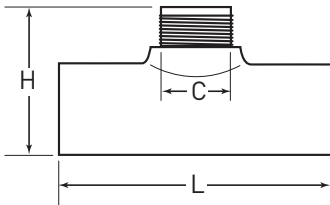
Tee



Fiberglass Glue-on Tees		
L [in.]	H [in.]	i.d. [in.]
5.5	4.7	1.92
7.7	8.0	2.38

- PVDF insert - all sizes
- PTFE wetted material. Contact factory for available options

Saddle



Fiberglass Glue-on Saddles			
L [in.]	H [in.]	o.d. [in.]	C [in.]
5.9	4.5	3.50	1.44
8.0	4.5	4.50	1.44
8.0	6.5	6.62	2.25
10.0	8.0	8.62	2.25
12.0	8.5	10.75	2.25
12.0	8.5	12.75	2.25

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC
- Mounts on fiberglass pipe
- PTFE wetted material. Contact factory for available options.
- Custom sizes available



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272X

Metals

Flow and pH



Carbon Steel Threaded Tees with NPT Threads

Part No.	Code No.	Size [in.]	Sensor Type
CS4T005	198 801 459	0.50	Flow -X0, pH -XX
CS4T007	198 801 460	0.75	Flow -X0, pH -XX
CS4T010	198 801 461	1.00	Flow -X0, pH -XX
CS4T012	198 801 462	1.25	Flow -X0, pH -XX
CS4T015	198 801 419	1.50	Flow -X0, pH -XX
CS4T020	198 801 463	2.00	Flow -X0, pH -XX

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Copper Sweat-on Tee with PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
CUKT005	198 801 687	0.50	Flow -X0, pH -XX
CUKT007	198 801 688	0.75	Flow -X0, pH -XX
CUKT010	198 801 689	1.00	Flow -X0, pH -XX
CUKT012	198 801 690	1.25	Flow -X0, pH -XX
CUKT015	198 801 691	1.50	Flow -X0, pH -XX
CUKT020	198 801 418	2.00	Flow -X0, pH -XX

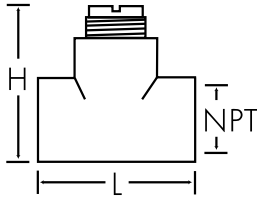
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Galvanized Iron Threaded Tee with NPT Threads and PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
IR4T010	198 801 421	1.00	Flow -X0, pH -XX
IR4T012	198 801 422	1.25	Flow -X0, pH -XX
IR4T015	198 801 423	1.50	Flow -X0, pH -XX
IR4T020	198 801 424	2.00	Flow -X0, pH -XX

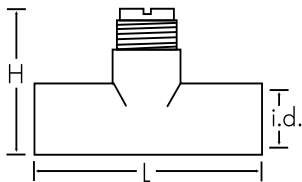
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Tee



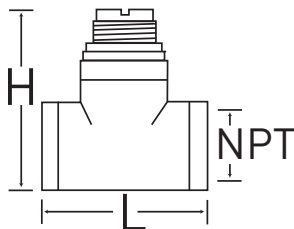
Carbon Steel Threaded Tees with NPT Threads	
L [in.]	H [in.]
3.6	4.0
3.6	4.2
3.6	4.2
3.8	4.5
4.1	4.8
4.9	5.3

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



Copper Sweat-on Tee with PVDF insert		
L [in.]	H [in.]	i.d. [in.]
3.15	3.57	0.62
2.96	3.52	0.87
3.23	3.80	1.12
4.16	4.12	1.38
4.43	4.34	1.63
5.31	4.86	2.11

- No insert up to 1 in., over 1 in. - PVDF insert
- For use with copper pipe (SCH K)
- PTFE wetted material. Contact factory for available options.



Galvanized Iron Threaded Tee with NPT Threads and PVDF insert		
NPT	L [in.]	H [in.]
1.00	3.4	4.1
1.25	3.56	4.34
1.50	3.75	4.67
2.00	3.90	5.05

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



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272X

Metals

Flow and pH



316 SS (1.4401) Threaded Tees with NPT Threads with PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
CR4T005	198 801 554	0.50	Flow -X0, pH -XX
CR4T007	198 801 555	0.75	Flow -X0, pH -XX
CR4T010	198 801 556	1.00	Flow -X0, pH -XX
CR4T012	198 801 783	1.25	Flow -X0, pH -XX
CR4T015	198 801 784	1.50	Flow -X0, pH -XX
CR4T020	198 801 785	2.00	Flow -X0, pH -XX

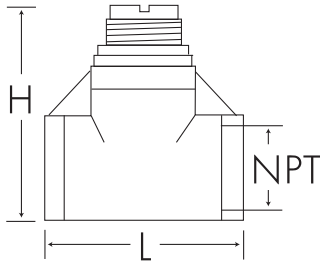
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Brass Threaded Tee with NPT Threads and PVDF insert

Part No.	Code No.	Size [in.]	Sensor Type
BR4T010	198 801 770	1.00	Flow -X0, pH -XX
BR4T012	198 801 771	1.25	Flow -X0, pH -XX
BR4T015	198 801 772	1.50	Flow -X0, pH -XX
BR4T020	198 801 773	2.00	Flow -X0, pH -XX

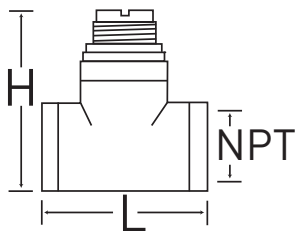
- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX

Tee



316 SS (1.4401) Threaded Tees with NPT Threads with PVDF insert	
L [in.]	H [in.]
3.6	4.0
3.6	4.2
3.6	4.2
3.8	4.5
4.1	4.8
4.9	5.3

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



Brass Threaded Tee with NPT Threads and PVDF insert		
NPT [in.]	L [in.]	H [in.]
1.00	3.36	4.09
1.25	3.42	4.42
1.50	3.46	4.70
2.00	3.68	5.19

- PVDF insert - all sizes
- For use with SCH 40 metal pipe (ASTM)
- PTFE wetted material. Contact factory for available options.



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272X

Metals

Flow and pH



Carbon Steel Weld-on Weldolets for use with SCH 40 metal pipe (ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
CS4W025	198 801 464	2.50	Flow -X0, pH -XX
CS4W030	198 801 557	3.00	Flow -X0, pH -XX
CS4W040	198 801 552	4.00	Flow -X0, pH -XX
CS4W050	198 801 465	5.00	Flow -X1
CS4W060	198 801 553	6.00	Flow -X1
CS4W080	198 801 574	8.00	Flow -X1
CS4W100	198 801 575	10.0	Flow -X2
CS4W120	198 801 576	12.0	Flow -X2

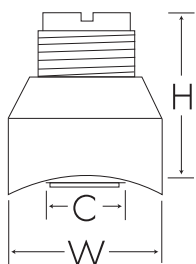
- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

Brass Brazolet with PVDF insert for use with copper pipe (SCH 40 ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
BR4B025	198 801 794	2.50	Flow -X0, pH -XX
BR4B030	198 801 795	3.00	Flow -X0, pH -XX
BR4B040	198 801 796	4.00	Flow -X0, pH -XX
BR4B050	198 801 797	5.00	Flow -X1
BR4B060	198 801 798	6.00	Flow -X1
BR4B080	198 801 799	8.00	Flow -X1
BR4B100	198 801 800	10.0	Flow -X2
BR4B120	198 801 801	12.0	Flow -X2

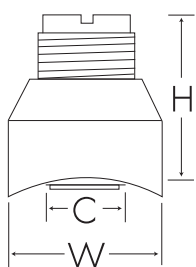
- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

Tee



Carbon Steel Weld-on Weldolets for use with SCH 40 metal pipe (ASTM)		
W [in.]	H [in.]	C [in.]
2.60	2.48	1.31
2.60	2.47	1.31
2.60	2.45	1.31
3.50	3.24	2.10
3.50	3.11	2.10
3.50	2.88	2.10
3.50	5.63	2.10
3.50	5.40	2.10

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- PTFE wetted material. Contact factory for available options.



Brass Brazolet with PVDF insert for use with copper pipe (SCH 40 ASTM)		
W [in.]	H [in.]	C [in.]
2.50	2.48	1.31
2.50	2.47	1.31
2.50	2.45	1.31
3.50	3.24	2.10
3.50	3.11	2.10
3.50	2.88	2.10
3.50	5.63	2.10
3.50	5.40	2.10

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- PTFE wetted material. Contact factory for available options.



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515



272X

Metals

Flow and pH



316 SS (1.4401) Weldolets with PVDF insert for use with SCH 40 metal pipe (ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
CR4W025	198 801 786	2.50	Flow -X0, pH -XX
CR4W030	198 801 787	3.00	Flow -X0, pH -XX
CR4W040	198 801 788	4.00	Flow -X0, pH -XX
CR4W050	198 801 789	5.00	Flow -X1
CR4W060	198 801 790	6.00	Flow -X1
CR4W080	198 801 791	8.00	Flow -X1
CR4W100	198 801 792	10.0	Flow -X2
CR4W120	198 801 793	12.0	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

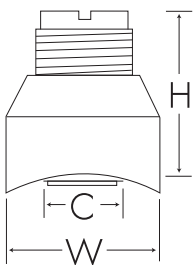


Iron Strap-on Saddle for use with SCH 80 metal pipe (ASTM)

Part No.	Code No.	Size [in.]	Sensor Type
IR8S020	198 801 425	2.00	Flow -X0, pH -XX
IR8S025	198 801 426	2.50	Flow -X0, pH -XX
IR8S030	198 801 427	3.00	Flow -X0, pH -XX
IR8S040	198 801 420	4.00	Flow -X0, pH -XX
IR8S050	198 801 429	5.00	Flow -X1
IR8S060	198 801 430	6.00	Flow -X1
IR8S080	198 801 431	8.00	Flow -X1
IR8S100	198 801 432	10.0	Flow -X2
IR8S120	198 801 433	12.0	Flow -X2

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX

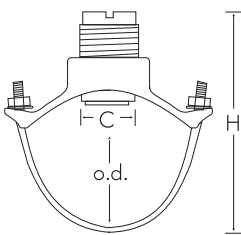
Tee



316 SS (1.4401) Weldolets with PVDF insert for use with SCH 40 metal pipe (ASTM)		
W [in.]	H [in.]	C [in.]
2.50	2.48	1.31
2.50	2.47	1.31
2.50	2.45	1.31
3.50	3.24	2.10
3.50	3.11	2.10
3.50	2.88	2.10
3.50	5.63	2.10
3.50	5.40	2.10

- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- C - Clearance dimension
- PTFE wetted material. Contact factory for available options.

Saddle



Iron Strap-on Saddle for use with SCH 80 metal pipe (ASTM)			
H [in.]	o.d. min [in.]	o.d. max [in.]	C [in.]
5.5	2.35	2.56	1.44
5.5	2.44	2.91	1.44
6.5	2.97	3.54	1.44
7.5	3.74	4.55	2.25
9.0	4.74	5.63	2.25
10.5	5.94	6.70	2.25
12.0	7.69	8.72	2.25
18.0	10.64	12.12	2.25
20.0	12.62	14.32	2.25

- C - Clearance dimension
- Up to 8 in. - PVDF insert, over 8 in. - PVC insert
- Buna-N O-ring
- Larger sizes may be available and PTFE wetted material. Contact factory.



2551



2537



2536



515



272X

Metals

Flow and pH



Metalex Socket Weld Mini-Tap (1.4401)

Part No.	Code No.	DN [mm]	Size [in.]	Sensor Type
P526-2005	198 840 501	15	0.50	P525-1, -1S
P526-2007	198 840 502	20	0.75	P525-1, -1S
P526-2010	198 840 503	25	1.00	P525-1, -1S

- For use with P525-1 and P525-1S only

Metalex Weld-on Mini-Tap (1.4401)

Part No.	Code No.	Size [in.]	Sensor Type
P526-2012	159 000 494	1.25	P525-2, -2S
P526-2015	198 840 506	1.50	P525-2, -2S
P526-2020	159 000 495	2.00	P525-2, -2S
P526-2025	159 000 496	2.50	P525-2, -2S
P526-2030	159 000 497	3.00	P525-2, -2S
P526-2040	159 000 498	4.00	P525-2, -2S
P526-2050	159 000 499	5.00	P525-2, -2S
P526-2060	159 000 500	6.00	P525-2, -2S
P526-2080	159 000 501	8.00	P525-2, -2S
P526-2100	159 000 502	10.00	P525-2, -2S
P526-2120	159 000 503	12.00	P525-2, -2S

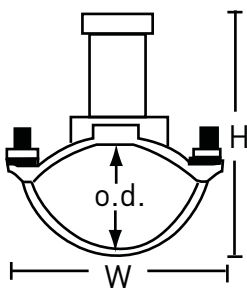
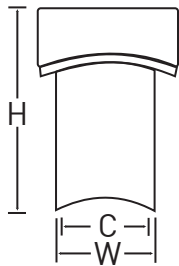
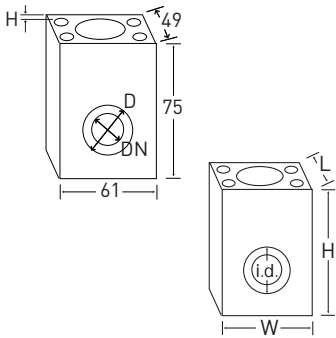
- For use with P525-2 and P525-2S only

Metalex Strap-on Saddle (1.4401)

Part No.	Code No.	Size [in.]	Sensor Type
P526-1020	159 000 484	2.00	P525-3, -3S
P526-1025	159 000 485	2.50	P525-3, -3S
P526-1030	159 000 486	3.00	P525-3, -3S
P526-1040	159 000 487	4.00	P525-3, -3S
P526-1050	159 000 488	5.00	P525-3, -3S
P526-1060	159 000 489	6.00	P525-3, -3S
P526-1080	159 000 490	8.00	P525-3, -3S
P526-1100	159 000 491	10.00	P525-3, -3S
P526-1120	159 000 492	12.00	P525-3, -3S

- For use with P525-3 and P525-3S only

Weld-on mini-tap



Metalex Socket Weld Mini-Tap (1.4401)

D [mm]	H [mm]	L [in.]	W [in.]	H [in.]	i.d. [in.]
21.8	8.4	2.0	2.4	3.0	0.85
27.2	12.7	2.0	2.4	3.0	1.06
33.9	12.7	2.0	2.4	3.0	1.325

- For use with SS pipe

Metalex Weld-on Mini-Tap (1.4401)

W [in.]	H [in.]	C [in.]
1.66	2.25	1.26
1.66	2.20	1.26
1.66	2.17	1.26
1.66	2.10	1.26
1.66	2.00	1.26
1.66	1.95	1.26
1.66	1.83	1.26
1.66	1.75	1.26
1.66	1.56	1.26
1.66	1.35	1.26
1.66	1.15	1.26

- For use with SS pipe
- Gasket Klinger C4401 Thermoseal

Metalex Strap-on Saddle (1.4401)

W [in.]	H [in.]	o.d. min [in.]	o.d. max [in.]
5.5	7.0	2.35	2.56
5.5	7.0	2.44	2.91
6.0	7.5	2.97	3.54
7.0	8.0	3.74	4.55
8.0	10.0	4.74	5.63
9.5	10.5	5.94	6.70
12.0	12.75	7.69	8.72
15.0	14.5	10.64	12.12
17.0	17.0	12.62	14.32

- For use with SS pipe



525

Metals Flow and pH



Iron Multi/Saddle Plus 201

EPDM Code	NBR Code	Inch	PN Water	PN Gas	Sensor Type
709 613 736	709 613 836	1.25	16.0	5.0	2552-2
709 613 738	709 613 838	1.50	16.0	5.0	2552-3, 2540-XX, 3719-11

- For use with 3-2552-2X/-3X, 3-2540-XX, 3-3719-11 Wet-Tap assembly with the 3-275X-WTX Wet-Tap electrode
- Do not use these fittings for PE pipes
- 1½ and 2 inch saddles must be applied for pipes DN80 or larger

Multi/Saddle Plus Spatula for use with Iron Multi/Saddle Plus 201

Code No.	Description
709 613 904	Spatula for saddle outlet 1¼
709 613 905	Spatula for saddle outlet 1½ / d40 + d50

- These fittings are only available from your local Georg Fischer sales office

Multi/Saddle Straps for use with Iron Multi/Saddle Plus 201

Code No.	Strap Range [in.]		DN min [mm]	DN max [mm]
709 613 930	2.375	3.25	60	80
709 613 932	2.75	3.625	70	90
709 613 934	3.625	4.375	90	110
709 613 936	4.375	5.25	110	130
709 613 938	5.25	6.00	130	150
709 613 940	5.75	6.625	145	165
709 613 942	6.375	7.25	160	180
709 613 944	7.00	7.75	175	195
709 613 946	7.625	8.375	190	210
709 613 948	8.25	9.00	205	225
709 613 950	8.75	9.625	220	240
709 613 952	9.375	10.25	235	255
709 613 954	10.00	10.75	250	270
709 613 956	10.75	11.625	270	290
709 613 958	11.375	12.25	285	305
709 613 960	12.00	12.75	300	320
709 613 962	12.625	13.375	315	335
709 613 964	13.375	14.25	335	355

- Ready to install, studs and nuts in one package
- These fittings are only available from your local Georg Fischer sales office

Multi/Saddle



2552



2540



3719

Electrofusion Flow and pH



Electrofusion for PE pipes: Transition Saddles with Stainless 1 1/4 inch Outlet

Part No.	Size [in.]	Sensor Type
10004673	2.0	2552-1
10004686	3.0	2552-1
10004700	4.0	2552-1
10004717	6.0	2552-1
10004740	8.0	2552-1
Special request	10.0	2552-1 or -2
Special request	12.0	2552-1 or -2

1 1/2 inch outlet

10004676	2.0	2552-3, 2540-XX, 3719-11
10004689	3.0	2552-3, 2540-XX, 3719-11
10004703	4.0	2552-3, 2540-XX, 3719-11
10004720	6.0	2552-3, 2540-XX, 3719-11
10004743	8.0	2552-3, 2540-XX, 3719-11
Special request	10.0	2552-3, 2540-XX, 3719-11
Special request	12.0	2552-3, 2540-XX, 3719-11

- Transition saddle with 1 1/4 FNPT branch/outlet
- Transition saddle with 1 1/2 FNPT branch/outlet
- These fittings are only available from your local Georg Fischer sales office

Electrofusion

Electrofusion for PE pipes: Transition Saddles with Stainless Outlet		
L [in.]	H [in.]	d [in.]
3.6	3.18	N/A
4.6	3.18	N/A
6.26	3.8	N/A
8.68	4.96	N/A
5.92	2.96	N/A
Call	Call	N/A
Call	Call	N/A
3.6	3.18	N/A
4.6	3.18	N/A
6.26	3.8	N/A
8.68	4.96	N/A
5.92	2.96	N/A
Call	Call	N/A
Call	Call	N/A



2552



2540



3719



K-Factors

- K-Factors must be considered as approximate values
- The number of pulses per volumetric unit may vary depending on the medium and the installation
- For optimum performance, the system must be calibrated after installation
- Please contact VG Japan for JIS K-Factors
- Further information can be found on www.georgfischer.com or in the Georg Fischer Planning Fundamentals



K-Factors for Type 310, PVC-U for Socket Systems metric							
		Type 310		K-Factors			
Code No.	Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
EPDM	FPM	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
721 310 006	721 310 036	20	15	Flow -X0	128.45	256.90	546.3
721 310 007	721 310 037	25	20	Flow -X0	64.16	128.32	300.29
721 310 008	721 310 038	32	25	Flow -X0	39.27	78.54	189.31
721 310 009	721 310 039	40	32	Flow -X0	22.49	44.98	117.85
721 310 010	721 310 040	50	40	Flow -X0	13.70	27.40	73.67
721 310 011	721 310 041	63	50	Flow -X0	7.86	15.72	42.1

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX



K-Factors for Type 312, PVC-U Clamp-on Saddle, metric						
		Type 312		SDR 21 K-Factors		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
* 198 150 538	75	65	Flow -X0	4.757	9.787	23.729
198 150 539	90	80	Flow -X0	3.525	7.281	17.715
* 198 150 540	110	100	Flow -X0	2.328	4.806	11.743
* 198 150 543	160	150	Flow -X1	1.165	2.394	5.882
198 150 545	225	200	Flow -X1	0.554	1.141	2.845
Type 312				SDR 13.6 K-Factors		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
198 150 538	75	65	Flow -X0	5.026	10.154	24.370
198 150 539	90	80	Flow -X0	3.800	7.833	19.071
198 150 540	110	100	Flow -X0	2.642	5.454	13.320
198 150 543	160	150	Flow -X1	1.261	2.600	6.401

* These K-Factors were derived from a formula. To obtain optimal K-Factors, you must calibrate the system.

- For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX



K-Factors for Type 312, PVC-U, Glue-on Saddle, metric						
Type 312				SDR 21 K-Factors		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
* 721 312 012	75	65	Flow -X1	5.479	11.238	27.196
721 312 013	90	80	Flow -X1	3.582	7.394	17.978
* 721 312 014	110	100	Flow -X1	2.267	4.671	11.419
* 721 312 015	125	100	Flow -X1	1.932	3.969	9.690
* 721 312 016	140	125	Flow -X1	1.526	3.137	7.681
* 721 312 017	160	150	Flow -X1	1.165	2.394	5.882
* 721 312 019	200	150	Flow -X1	0.740	1.520	3.762
* 721 312 020	225	200	Flow -X2	0.582	1.196	2.973
* 721 312 021	250	200	Flow -X2	0.469	0.963	2.403
* 721 312 023	315	300	Flow -X2	0.292	0.599	1.513
Type 312				SDR 13.6 K-Factors		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
721 312 012	75	65	Flow -X1	5.966	12.297	29.791
* 721 312 013	90	80	Flow -X1	3.854	7.953	19.365
* 721 312 014	110	100	Flow -X1	2.402	4.895	11.942
721 312 015	125	100	Flow -X1	2.094	4.317	10.557
721 312 016	140	125	Flow -X1	1.671	3.446	8.457
721 312 017	160	150	Flow -X1	1.261	2.600	6.401

* These K-Factors were derived from a formula. To obtain optimal K-Factors, you must calibrate the system.

- For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX



K-Factors for Type 310, PROGEF Standard, PP-H for Socket Fusion, metric							
Type 310				K-Factors			
Code No.	Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
EPDM	FPM	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
727 310 006	727 310 036	20	15	Flow -X0	127.23	251.75	579.32
727 310 007	727 310 037	25	20	Flow -X0	73.21	148.77	350.81
727 310 008	727 310 038	32	25	Flow -X0	37.30	77.04	194.76
727 310 009	727 310 039	40	32	Flow -X0	22.07	44.71	119.81
727 310 010	727 310 040	50	40	Flow -X0	13.54	27.45	72.66
727 310 011	727 310 041	63	50	Flow -X0	7.82	16.06	41.45

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX



K-Factors for Type 311, PROGEF Standard, PP-H, Wafer fitting, metric							
		Type 311			K-Factors		
Code No.	Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
EPDM	FPM	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
727 311 012	727 311 042	75	65	Flow -X1	5.69	11.76	28.54
727 311 013	727 311 043	90	80	Flow -X1	3.65	7.49	18.20
727 311 014	727 311 044	110	100	Flow -X1	2.31	4.64	11.25
727 311 015	727 311 045	125	100	Flow -X1	2.06	4.26	10.43
727 311 016	727 311 046	140	125	Flow -X1	1.64	3.39	8.31
727 311 017	727 311 047	160	150	Flow -X1	1.25	2.59	6.37
727 311 018	727 311 048	180	150	Flow -X1	0.99	2.03	5.03
727 311 019	727 311 049	200	200	Flow -X1	0.80	1.64	4.07
727 311 020	727 311 050	225	200	Flow -X1	0.63	1.29	3.22
727 311 021	727 311 051	250	250	Flow -X2	0.51	1.04	2.61
727 311 022	727 311 052	280	250	Flow -X2	0.40	0.83	2.08
727 311 023	727 311 053	315	300	Flow -X2	0.32	0.65	1.64

• For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX/X2-XX



K-Factors for PP-H Installation Fittings Type 312							
		Type 312		SDR 11 K-Factors			
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551	
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre	
* 727 312 072	75	65	Flow -X1	6.54	13.46	32.59	
727 312 073	90	80	Flow -X1	4.26	8.80	21.42	
* 727 312 074	110	100	Flow -X1	2.68	5.49	13.43	
* 727 312 075	125	100	Flow -X1	2.33	4.80	11.73	
* 727 312 076	140	125	Flow -X1	1.85	3.80	9.31	
727 312 077	160	150	Flow -X1	1.40	2.89	7.10	
* 727 312 078	180	150	Flow -X2	1.11	2.29	5.65	
727 312 079	200	200	Flow -X2	0.88	1.81	4.47	
727 312 080	225	200	Flow -X2	0.70	1.45	3.60	
727 312 081	250	250	Flow -X2	0.57	1.16	2.91	
727 312 082	280	250	Flow -X2	0.44	0.91	2.29	
727 312 083	315	300	Flow -X2	0.35	0.72	1.82	

* These K-Factors were derived from a formula. To obtain optimal K-Factors, you must calibrate the system.

• For use with P51530-X1/-X2, 3-2536-X1/-X2, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX



K-Factors for Type 318, PROGEF Standard, PP-H for Butt Fusion, metric							
		Type 318			K-Factors		
Code No.	Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
EPDM	FPM	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
727 318 006	727 318 036	20	15	Flow -X0	127.23	251.75	579.32
727 318 007	727 318 037	25	20	Flow -X0	73.21	148.77	350.81
727 318 008	727 318 038	32	25	Flow -X0	37.30	77.04	194.76
727 318 009	727 318 039	40	32	Flow -X0	22.07	44.71	119.81
727 318 010	727 318 040	50	40	Flow -X0	13.54	27.45	72.66
727 318 011	727 318 041	63	50	Flow -X0	7.82	16.06	41.45

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-X0, 3-2551-X0



K-Factors for Type 310, SYGEF Standard for Socket Fusion, metric						
		Type 310			K-Factors	
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
735 310 036	20	15	Flow -X0	111.19	218.56	514.26
735 310 037	25	20	Flow -X0	60.28	129.42	305.96
735 310 038	32	25	Flow -X0	36.12	74.92	197.91
735 310 039	40	32	Flow -X0	20.95	41.90	116.12
735 310 040	50	40	Flow -X0	11.49	22.98	65.77
735 310 041	63	50	Flow -X0	6.85	13.31	38.80

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX



K-Factors for SYGEF Standard, Type 311 metric and inch						
Type 311			K-Factors			
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
735 311 042	75	65	Flow -X1	5.25	10.84	26.33
735 311 043	90	80	Flow -X1	3.51	7.18	17.43
735 311 044	110	100	Flow -X1	2.00	3.99	9.65
735 311 045	125	100	Flow -X1	1.82	3.75	9.18
735 311 046	140	125	Flow -X1	1.44	2.97	7.30
735 311 047	160	150	Flow -X1	1.07	2.21	5.44
735 311 049	200	200	Flow -X1	0.68	1.41	3.49
735 311 050	225	200	Flow -X1	0.54	1.10	2.75

- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX



K-Factors for Type 318 SYGEF Standard for Butt fusion, metric						
Type 318			K-Factors			
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
735 318 036	20	15	Flow -X0	111.19	218.56	514.26
735 318 037	25	20	Flow -X0	60.28	129.42	305.96
735 318 038	32	25	Flow -X0	36.12	74.92	197.91
735 318 039	40	32	Flow -X0	20.95	41.90	116.12
735 318 040	50	40	Flow -X0	11.49	22.98	65.77
735 318 041	63	50	Flow -X0	6.85	13.31	38.80

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX



K-Factors for Type 310, ABS, metric						
		Type 310		K-Factors		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
729 310 007	25	20	Flow -X0	82.12	159.41	337.47
729 310 008	32	25	Flow -X0	42.00	80.05	192.00
729 310 009	40	32	Flow -X0	23.38	43.33	121.26
729 310 010	50	40	Flow -X0	14.08	26.89	70.31
729 310 011	63	50	Flow -X0	7.86	15.76	40.69

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX,



K-Factors for Type 312, ABS Glue-on, metric						
		Type 312		K-Factors		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
729 312 012	75	65	Flow -X1	5.58	11.27	27.57
* 729 312 013	90	80	Flow -X1	3.48	7.14	17.38
* 729 312 014	110	100	Flow -X1	2.29	4.40	10.81
729 312 016	140	125	Flow -X1	1.61	3.19	7.94
729 312 017	160	150	Flow -X1	1.24	2.45	6.12
729 312 019	200	200	Flow -X1	0.78	1.53	3.87
729 312 020	225	200	Flow -X1	0.63	1.22	3.10

* These K-Factors were derived from a formula. To obtain optimal K-Factors, you must calibrate the system.

- For use with P51530-X1, 3-2536-X1, 3-8510-X1, 3-8512-X1, 3-2537-XC-X1, 3-2551-X1-XX



K-Factors for Stainless Steel Installation Fittings Type 314							
Code No.	d [mm]	Type 314			K-Factors		
		emin [mm]	emax [mm]	Sensor Type	515/8510 pulse/litre	2536/8512/2537 pulse/litre	2551 pulse/litre
724 314 000	70.00	2.00	3.00	X0	5.59	11.55	27.98
724 314 000	70.00	3.00	5.00	X0	6.14	12.69	30.76
724 314 000	70.00	5.00	7.00	X0	7.02	14.50	35.15
724 314 000	73.03	5.00	7.00	X0	6.34	13.09	31.74
724 314 000	73.03	7.00	9.00	X0	7.26	14.99	36.35
724 314 000	73.03	9.00	11.00	X0	8.39	17.34	42.04
724 314 000	76.10	2.00	4.00	X0	4.80	9.92	24.06
724 314 000	76.10	4.00	6.00	X0	5.40	11.15	27.06
724 314 000	76.10	6.00	8.00	X0	6.12	12.64	30.66
724 314 000	80.00	2.00	4.00	X0	4.31	8.89	21.59
724 314 000	80.00	4.00	6.00	X0	4.81	9.94	24.13
724 314 000	88.90	2.00	3.00	X0	3.34	6.91	16.80
724 314 000	101.60	2.00	3.00	X0	2.52	5.20	12.67
724 314 000	101.60	3.00	4.00	X0	2.63	5.42	13.21
724 314 000	104.00	2.00	3.00	X0	2.40	4.95	12.07
724 314 000	104.00	3.00	4.00	X0	2.50	5.15	12.57
724 314 000	108.00	2.00	3.00	X0	2.21	4.57	11.15
724 314 000	108.00	3.00	4.00	X0	2.30	4.75	11.59
724 314 000	114.30	2.00	3.00	X0	1.96	4.05	9.90
724 314 000	114.30	3.00	4.00	X0	2.04	4.20	10.27
724 314 000	114.30	4.00	5.00	X0	2.12	4.37	10.67
724 314 000	129.00	2.00	3.00	X0	1.52	3.14	7.69
724 314 000	129.00	3.00	4.00	X0	1.57	3.24	7.95
724 314 000	139.70	2.00	3.00	X0	1.29	2.66	6.52
724 314 000	139.70	3.00	4.00	X0	1.33	2.74	6.72
724 314 000	139.70	4.00	5.00	X0	1.37	2.82	6.92
724 314 000	154.00	2.00	3.00	X0	1.05	2.17	5.33
724 314 000	154.00	3.00	4.00	X0	1.08	2.22	5.47
724 314 000	168.30	2.00	3.00	X0	0.87	1.80	4.44
724 314 000	168.30	3.00	4.00	X0	0.89	1.84	4.55
724 314 000	168.30	4.00	5.00	X0	0.92	1.89	4.66
724 314 001	219.10	2.00	3.00	X1	0.50	1.04	2.58
724 314 001	219.10	3.00	4.00	X1	0.51	1.06	2.63
724 314 001	219.10	4.00	5.00	X1	0.52	1.08	2.68
724 314 001	273.00	2.00	3.00	X1	0.32	0.66	1.65
724 314 001	273.00	3.00	4.00	X1	0.32	0.67	1.67
724 314 001	273.00	4.00	5.00	X1	0.33	0.68	1.70
724 314 001	323.90	3.00	4.00	X1	0.23	0.46	1.18
724 314 001	323.90	4.00	5.00	X1	0.23	0.47	1.19
724 314 001	323.90	5.00	6.00	X1	0.23	0.48	1.21
724 314 001	355.60	2.00	3.00	X1	0.18	0.38	0.96
724 314 001	355.60	3.00	4.00	X1	0.19	0.38	0.97
724 314 001	355.60	4.00	5.00	X1	0.19	0.39	0.99
724 314 002	406.40	2.00	3.00	X2	0.14	0.29	0.74
724 314 002	406.40	3.00	4.00	X2	0.14	0.29	0.74
724 314 002	406.40	4.00	5.00	X2	0.14	0.29	0.75
724 314 002	508.00	2.00	3.00	X2	0.09	0.18	0.47
724 314 002	508.00	3.00	4.00	X2	0.09	0.18	0.47
724 314 002	609.60	2.00	3.00	X2	0.06	0.12	0.32
724 314 002	609.60	3.00	4.00	X2	0.06	0.12	0.33

• For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX



K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 11; Pipe Series (S) = 5				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	6.58	13.57	32.88
XXX 314 000	90	80	Flow -X0	4.25	8.76	21.34
XXX 314 000	110	100	Flow -X0	2.66	5.41	13.18
XXX 314 000	125	100	Flow -X0	2.30	4.76	11.64
XXX 314 000	140	125	Flow -X0	1.83	3.77	9.25
XXX 314 000	160	150	Flow -X0	1.36	2.79	6.88
XXX 314 000	180	150	Flow -X0	1.10	2.27	5.60
XXX 314 001	200	200	Flow -X1	0.89	1.83	4.54
XXX 314 001	225	200	Flow -X1	0.70	1.44	3.58
XXX 314 001	250	250	Flow -X1	0.56	1.16	2.90
XXX 314 001	280	250	Flow -X1	0.45	0.92	2.31
XXX 314 001	315	300	Flow -X1	0.35	0.72	1.83
XXX 314 001	355	350	Flow -X1	0.27	0.56	1.44
XXX 314 002	400	400	Flow -X2	0.21	0.44	1.13
XXX 314 002	450	500	Flow -X2	0.17	0.34	0.89
XXX 314 002	500	500	Flow -X2	0.14	0.28	0.72
XXX 314 002	560	600	Flow -X2	0.11	0.22	0.58
XXX 314 002	630	600	Flow -X2	0.08	0.17	0.46

K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 17; Pipe Series (S) = 8				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	5.46	11.28	27.38
XXX 314 000	90	80	Flow -X0	3.55	7.29	17.73
XXX 314 000	110	100	Flow -X0	2.24	4.53	11.01
XXX 314 000	125	100	Flow -X0	1.96	4.05	9.92
XXX 314 000	140	125	Flow -X0	1.56	3.22	7.91
XXX 314 000	160	150	Flow -X0	1.19	2.46	6.05
XXX 314 000	180	150	Flow -X0	0.94	1.93	4.78
XXX 314 000	200	200	Flow -X0	0.76	1.56	3.87
XXX 314 000	225	200	Flow -X0	0.60	1.23	3.06
XXX 314 001	250	250	Flow -X1	0.48	0.99	2.47
XXX 314 001	280	250	Flow -X1	0.38	0.78	1.97
XXX 314 001	315	300	Flow -X1	0.30	0.62	1.56
XXX 314 001	355	350	Flow -X1	0.23	0.48	1.23
XXX 314 001	400	400	Flow -X1	0.18	0.38	0.97
XXX 314 001	450	500	Flow -X1	0.14	0.29	0.76
XXX 314 002	500	500	Flow -X2	0.12	0.24	0.62
XXX 314 002	560	600	Flow -X2	0.09	0.19	0.49
XXX 314 002	630	600	Flow -X2	0.07	0.15	0.39

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX

The first 3 numbers are XXX. These fittings are available in the following materials.

721 --- PVC-U 735 --- PVDF
727 --- PP 753 --- PE



K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 21 ; Pipe Series (S) = 10				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	5.10	10.55	25.61
XXX 314 000	90	80	Flow -X0	3.32	6.80	16.54
XXX 314 000	110	100	Flow -X0	2.11	4.25	10.33
XXX 314 000	125	100	Flow -X0	1.86	3.84	9.39
XXX 314 000	140	125	Flow -X0	1.48	3.05	7.49
XXX 314 000	160	150	Flow -X0	1.13	2.33	5.74
XXX 314 000	180	150	Flow -X0	0.89	1.83	4.52
XXX 314 000	200	200	Flow -X0	0.72	1.48	3.67
XXX 314 000	225	200	Flow -X0	0.56	1.16	2.90
XXX 314 001	250	250	Flow -X1	0.45	0.94	2.34
XXX 314 001	280	250	Flow -X1	0.36	0.74	1.87
XXX 314 001	315	300	Flow -X1	0.28	0.58	1.48
XXX 314 001	355	350	Flow -X1	0.22	0.46	1.16
XXX 314 001	400	400	Flow -X1	0.17	0.36	0.92
XXX 314 001	450	500	Flow -X1	0.14	0.28	0.72
XXX 314 002	500	500	Flow -X2	0.11	0.22	0.59
XXX 314 002	560	600	Flow -X2	0.09	0.18	0.47
XXX 314 002	630	600	Flow -X2	0.07	0.14	0.37

K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 33 ; Pipe Series (S) = 16				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	4.64	9.59	23.27
XXX 314 000	90	80	Flow -X0	3.03	6.20	15.06
XXX 314 000	110	100	Flow -X0	1.93	3.88	9.42
XXX 314 000	125	100	Flow -X0	1.72	3.55	8.70
XXX 314 000	140	125	Flow -X0	1.37	2.82	6.92
XXX 314 000	160	150	Flow -X0	1.04	2.15	5.29
XXX 314 000	180	150	Flow -X0	0.82	1.69	4.18
XXX 314 000	200	200	Flow -X0	0.66	1.37	3.39
XXX 314 000	225	200	Flow -X0	0.52	1.07	2.68
XXX 314 000	250	250	Flow -X0	0.42	0.87	2.17
XXX 314 001	280	250	Flow -X1	0.33	0.69	1.73
XXX 314 001	315	300	Flow -X1	0.26	0.54	1.37
XXX 314 001	355	350	Flow -X1	0.21	0.42	1.08
XXX 314 001	400	400	Flow -X1	0.16	0.33	0.85
XXX 314 001	450	500	Flow -X1	0.13	0.26	0.67
XXX 314 001	500	500	Flow -X1	0.10	0.21	0.54
XXX 314 002	560	600	Flow -X2	0.08	0.16	0.43
XXX 314 002	630	600	Flow -X2	0.06	0.13	0.34

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX

The first 3 numbers are XXX. These fittings are available in the following materials.

721 --> PVC-U 735 --> PVDF
 727 --> PP 753 --> PE



K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 13.6; Pipe Series (S) = 6.3				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	5.96	12.30	29.84
XXX 314 000	90	80	Flow -X0	3.85	7.92	19.28
XXX 314 000	110	100	Flow -X0	2.42	4.89	11.92
XXX 314 000	125	100	Flow -X0	2.11	4.35	10.65
XXX 314 000	140	125	Flow -X0	1.68	3.46	8.48
XXX 314 000	160	150	Flow -X0	1.28	2.64	6.49
XXX 314 000	180	150	Flow -X0	1.01	2.08	5.13
XXX 314 000	200	200	Flow -X0	0.81	1.67	4.15
XXX 314 001	225	200	Flow -X1	0.64	1.32	3.28
XXX 314 001	250	250	Flow -X1	0.52	1.06	2.66
XXX 314 001	280	250	Flow -X1	0.41	0.84	2.12
XXX 314 001	315	300	Flow -X1	0.32	0.66	1.67
XXX 314 001	355	350	Flow -X1	0.25	0.52	1.32
XXX 314 001	400	400	Flow -X1	0.20	0.40	1.04
XXX 314 002	450	500	Flow -X2	0.15	0.32	0.82
XXX 314 002	500	500	Flow -X2	0.12	0.25	0.66
XXX 314 002	560	600	Flow -X2	0.10	0.20	0.53
XXX 314 002	630	600	Flow -X2	0.08	0.16	0.42

K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 17.6; Pipe Series (S) = 8.3				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	5.38	11.12	27.00
XXX 314 000	90	80	Flow -X0	3.49	7.16	17.41
XXX 314 000	110	100	Flow -X0	2.21	4.45	10.83
XXX 314 000	125	100	Flow -X0	1.94	4.01	9.81
XXX 314 000	140	125	Flow -X0	1.54	3.19	7.82
XXX 314 000	160	150	Flow -X0	1.18	2.43	5.98
XXX 314 000	180	150	Flow -X0	0.93	1.91	4.72
XXX 314 000	200	200	Flow -X0	0.75	1.54	3.83
XXX 314 000	225	200	Flow -X0	0.59	1.21	3.02
XXX 314 001	250	250	Flow -X1	0.48	0.98	2.45
XXX 314 001	280	250	Flow -X1	0.38	0.77	1.95
XXX 314 001	315	300	Flow -X1	0.30	0.61	1.54
XXX 314 001	355	350	Flow -X1	0.23	0.48	1.21
XXX 314 001	400	400	Flow -X1	0.18	0.37	0.96
XXX 314 001	450	500	Flow -X1	0.14	0.29	0.75
XXX 314 002	500	500	Flow -X2	0.11	0.23	0.61
XXX 314 002	560	600	Flow -X2	0.09	0.18	0.49
XXX 314 002	630	600	Flow -X2	0.07	0.14	0.39

• For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX
The first 3 numbers are XXX. These fittings are available in the following materials.

721 --- PVC-U 735 --- PVDF
727 --- PP 753 --- PE



K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 26 ; Pipe Series (S) = 12.5				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	Flow -X0	4.83	9.99	24.25
XXX 314 000	90	80	Flow -X0	3.16	6.47	15.72
XXX 314 000	110	100	Flow -X0	2.00	4.03	9.78
XXX 314 000	125	100	Flow -X0	1.78	3.67	8.99
XXX 314 000	140	125	Flow -X0	1.42	2.92	7.17
XXX 314 000	160	150	Flow -X0	1.08	2.23	5.50
XXX 314 000	180	150	Flow -X0	0.85	1.75	4.33
XXX 314 000	200	200	Flow -X0	0.69	1.41	3.51
XXX 314 000	225	200	Flow -X0	0.54	1.11	2.77
XXX 314 000	250	250	Flow -X0	0.44	0.90	2.25
XXX 314 001	280	250	Flow -X1	0.35	0.71	1.79
XXX 314 001	315	300	Flow -X1	0.27	0.56	1.41
XXX 314 001	355	350	Flow -X1	0.21	0.44	1.11
XXX 314 001	400	400	Flow -X1	0.17	0.34	0.877
XXX 314 001	450	500	Flow -X1	0.13	0.26	0.686
XXX 314 001	500	500	Flow -X1	0.10	0.21	0.561
XXX 314 002	560	600	Flow -X2	0.08	0.17	0.447
XXX 314 002	630	600	Flow -X2	0.06	0.13	0.354

K-Factors for plastic weld on Installation Fittings Type 314

Standard Dimension Ratio (SDR) = 41 ; Pipe Series (S) = 20				K-Factor		
Code No.	d	DN	Sensor	515/8510	2536/8512/2537	2551
	[mm]	[mm]	Type	pulse/litre	pulse/litre	pulse/litre
XXX 314 000	75	65	-	-	-	-
XXX 314 000	90	80	-	-	-	-
XXX 314 000	110	100	Flow -X0	1.87	3.76	9.11
XXX 314 000	125	100	Flow -X0	1.68	3.46	8.47
XXX 314 000	140	125	Flow -X0	1.33	2.75	6.75
XXX 314 000	160	150	Flow -X0	1.02	2.10	5.16
XXX 314 000	180	150	Flow -X0	0.80	1.65	4.07
XXX 314 000	200	200	Flow -X0	0.64	1.33	3.29
XXX 314 000	225	200	Flow -X0	0.51	1.04	2.60
XXX 314 000	250	250	Flow -X0	0.41	0.84	2.11
XXX 314 000	280	250	Flow -X0	0.32	0.67	1.68
XXX 314 001	315	300	Flow -X1	0.26	0.52	1.33
XXX 314 001	355	350	Flow -X1	0.20	0.41	1.05
XXX 314 001	400	400	Flow -X1	0.16	0.32	0.82
XXX 314 001	450	500	Flow -X1	0.12	0.25	0.65
XXX 314 001	500	500	Flow -X1	0.10	0.20	0.53
XXX 314 001	560	600	Flow -X1	0.08	0.16	0.42
XXX 314 002	630	600	Flow -X2	0.06	0.12	0.33

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX
The first 3 numbers are XXX. These fittings are available in the following materials.

721 --> PVC-U 735 --> PVDF
727 --> PP 753 --> PE



K-Factor for 2552 Magmeter

Standard Dimension Ratio (SDR) = 11 ; Pipe Series (S) = 5						
d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	212.3	263.1	405.8	34.79	862.43
90	3-2552-	209.6	260.4	403.1	24.22	1238.47
110	3-2552-	206.1	256.9	399.6	16.15	1857.96
125	3-2552-	203.4	254.2	396.9	12.53	2394.04
140	3-2552-	200.8	251.6	394.3	9.95	3013.95
160	3-2552-	197.2	248.0	390.7	7.64	3927.02
180	3-2552-	193.7	244.5	387.2	6.03	4974.41
200	3-2552-	190.2	241.0	383.7	4.88	6145.48
225	3-2552-	185.7	236.5	379.3	3.86	7778.94
250	3-2552-	181.4	232.2	374.9	3.12	9623.73
280	3-2552-	176.1	226.9	369.7	2.48	12077.13
315	3-2552-	169.9	220.7	363.5	1.96	15285.11
355	3-2552-	162.9	213.7	356.4	1.54	19421.25
400	3-2552-	155.0	205.8	348.5	1.22	24658.08
450	3-2552-	146.1	196.9	339.7	0.96	31201.46
500	3-2552-	137.3	188.1	330.9	0.78	38533.02
560	3-2552-	126.8	177.6	320.3	0.62	48372.54
630	3-2552-	114.4	165.2	307.9	0.49	61188.47
Standard Dimension Ratio (SDR) = 17 ; Pipe Series (S) = 8						
d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	214.2	265.0	407.7	29.86	1004.70
90	3-2552-	211.9	262.7	405.5	20.71	1448.25
110	3-2552-	208.9	259.7	402.5	13.84	2166.95
125	3-2552-	206.7	257.5	400.3	10.68	2809.67
140	3-2552-	204.5	255.3	398.0	8.51	3524.23
160	3-2552-	201.5	252.3	395.0	6.51	4604.95
180	3-2552-	198.5	249.3	392.0	5.15	5830.00
200	3-2552-	195.5	246.3	389.0	4.17	7199.36
225	3-2552-	191.7	242.5	385.2	3.29	9107.05
250	3-2552-	188.0	238.8	381.6	2.66	11269.60
280	3-2552-	183.5	234.3	377.1	2.12	14131.50
315	3-2552-	178.3	229.1	371.8	1.68	17883.56
355	3-2552-	172.2	223.0	365.8	1.32	22701.48
400	3-2552-	165.6	216.4	359.1	1.04	28863.36
450	3-2552-	158.1	208.9	351.6	0.82	36539.47
500	3-2552-	150.6	201.4	344.1	0.67	45099.00
560	3-2552-	141.6	192.4	335.1	0.53	56595.27
630	3-2552-	131.1	181.9	324.6	0.42	71612.16



K-Factor for 2552 Magmeter

Standard Dimension Ratio (SDR) = 21 ; Pipe Series (S) = 10

d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	214.9	265.7	408.5	28.19	1064.02
90	3-2552-	212.8	263.6	406.4	19.55	1534.47
110	3-2552-	210.0	260.8	403.5	13.10	2290.68
125	3-2552-	207.9	258.7	401.5	10.11	2966.17
140	3-2552-	205.8	256.6	399.4	8.06	3722.90
160	3-2552-	203.0	253.8	396.5	6.17	4858.70
180	3-2552-	200.2	251.0	393.8	4.87	6160.71
200	3-2552-	197.4	248.2	390.9	3.95	7600.17
225	3-2552-	193.9	244.7	387.4	3.12	9623.73
250	3-2552-	190.5	241.3	384.0	2.52	11907.03
280	3-2552-	186.2	237.0	379.7	2.01	14915.30
315	3-2552-	181.4	232.2	374.9	1.59	18910.54
355	3-2552-	175.8	226.6	369.3	1.25	24021.97
400	3-2552-	169.4	220.2	362.9	0.98	30468.43
450	3-2552-	162.4	213.2	356.0	0.78	38590.21
500	3-2552-	155.4	206.2	349.0	0.63	47649.30
560	3-2552-	147.1	197.9	340.6	0.50	59803.57
630	3-2552-	137.3	188.1	330.9	0.40	75722.28

Standard Dimension Ratio (SDR) = 33 ; Pipe Series (S) = 16

d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	216.0	266.8	409.6	26.06	1151.24
90	3-2552-	214.1	264.9	407.7	18.09	1658.57
110	3-2552-	211.6	262.4	405.1	12.10	2480.31
125	3-2552-	209.7	260.5	403.2	9.37	3203.38
140	3-2552-	207.8	258.6	401.4	7.45	4024.96
160	3-2552-	205.4	256.2	398.9	5.70	5266.15
180	3-2552-	202.8	253.6	396.4	4.50	6665.96
200	3-2552-	200.2	251.0	393.8	3.65	8212.95
225	3-2552-	197.2	248.0	390.7	2.88	10420.52
250	3-2552-	194.0	244.8	387.5	2.33	12857.50
280	3-2552-	190.2	241.0	383.8	1.86	16136.83
315	3-2552-	185.8	236.6	379.4	1.47	20421.44
355	3-2552-	180.8	231.6	374.4	1.16	25955.25
400	3-2552-	175.1	225.9	368.7	0.91	32939.86
450	3-2552-	168.9	219.7	362.5	0.72	41741.55
500	3-2552-	162.6	213.4	356.2	0.58	51540.13
560	3-2552-	155.0	205.8	348.6	0.46	64621.33
630	3-2552-	146.3	197.1	339.8	0.37	81824.55



K-Factor for 2552 Magmeter

Standard Dimension Ratio (SDR) = 13.6 ; Pipe Series (S) = 6.3						
d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	213.3	264.1	406.8	32.08	935.17
90	3-2552-	210.8	261.6	404.4	22.22	1350.21
110	3-2552-	207.6	258.4	401.2	14.82	2024.74
125	3-2552-	205.2	256.0	398.8	11.46	2617.53
140	3-2552-	202.8	253.6	396.3	9.13	3286.33
160	3-2552-	199.6	250.4	393.1	6.99	4294.16
180	3-2552-	196.3	247.1	389.8	5.53	5429.43
200	3-2552-	193.1	243.9	386.7	4.46	6721.56
225	3-2552-	189.0	239.8	382.6	3.53	8496.90
250	3-2552-	185.0	235.8	378.5	2.86	10499.95
280	3-2552-	180.2	231.0	373.7	2.28	13178.71
315	3-2552-	174.5	225.3	368.0	1.80	16671.48
355	3-2552-	168.0	218.8	361.6	1.42	21191.60
400	3-2552-	160.8	211.6	354.3	1.11	26918.09
450	3-2552-	152.7	203.5	346.2	0.88	34077.16
500	3-2552-	144.6	195.4	338.1	0.71	42079.42
560	3-2552-	134.9	185.7	328.4	0.57	52781.75
630	3-2552-	123.6	174.4	317.1	0.45	66836.41
Standard Dimension Ratio (SDR) = 17.6 ; Pipe Series (S) = 8.3						
d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	214.3	265.1	407.9	29.50	1017.05
90	3-2552-	212.2	263.0	405.7	20.40	1470.50
110	3-2552-	209.2	260.0	402.7	13.67	2194.15
125	3-2552-	207.0	257.8	400.5	10.56	2840.64
140	3-2552-	204.8	255.6	398.3	8.42	3564.68
160	3-2552-	201.8	252.6	395.3	6.44	4657.81
180	3-2552-	198.9	249.7	392.4	5.08	5904.36
200	3-2552-	195.9	246.7	389.4	4.12	7281.96
225	3-2552-	192.2	243.0	385.8	3.25	9227.89
250	3-2552-	188.5	239.3	382.1	2.63	11393.61
280	3-2552-	184.1	234.9	377.7	2.10	14305.14
315	3-2552-	178.9	229.7	372.5	1.66	18104.95
355	3-2552-	173.1	223.9	366.6	1.30	23009.69
400	3-2552-	166.4	217.2	359.9	1.03	29210.76
450	3-2552-	159.0	209.8	352.6	0.81	36986.20
500	3-2552-	151.7	202.5	345.2	0.66	45678.11
560	3-2552-	142.8	193.6	336.4	0.52	57313.50
630	3-2552-	132.5	183.3	326.0	0.41	72524.32



K-Factor for 2552 Magmeter

Standard Dimension Ratio (SDR) = 26 ; Pipe Series (S) = 12.5						
d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-	215.5	266.3	409.1	26.98	1112.05
90	3-2552-	213.5	264.3	407.1	18.75	1599.80
110	3-2552-	210.9	261.7	404.5	12.51	2398.79
125	3-2552-	208.9	259.7	402.5	9.68	3099.83
140	3-2552-	206.9	257.7	400.5	7.72	3884.55
160	3-2552-	204.2	255.0	397.8	5.92	5070.74
180	3-2552-	201.7	252.5	395.2	4.66	6438.08
200	3-2552-	199.0	249.8	392.5	3.78	7942.48
225	3-2552-	195.7	246.5	389.3	2.98	10066.81
250	3-2552-	192.4	243.2	385.9	2.42	12420.94
280	3-2552-	188.5	239.3	382.0	1.92	15598.77
315	3-2552-	183.8	234.6	377.3	1.52	19720.03
355	3-2552-	178.5	229.3	372.1	1.20	25071.41
400	3-2552-	172.6	223.4	366.1	0.94	31839.17
450	3-2552-	166.0	216.8	359.6	0.74	40325.69
500	3-2552-	159.4	210.2	353.0	0.60	49792.02
560	3-2552-	151.5	202.3	345.1	0.48	62467.85
630	3-2552-	142.2	193.0	335.8	0.38	79043.81
Standard Dimension Ratio (SDR) = 41 ; Pipe Series (S) = 20						
d	Sensor	"H Dim -1 Version"	"H Dim -2 Version"	"H Dim -3 Version"	2552 K-Factor	Factory set 20 mA
[mm]	Type	mm	mm	mm	pulse/litre	litre/min
75	3-2552-					
90	3-2552-					
110	3-2552-	212.2	263.0	405.7	11.75	2553.36
125	3-2552-	210.3	261.1	403.9	9.11	3291.89
140	3-2552-	208.5	259.3	402.1	7.26	4130.35
160	3-2552-	206.1	256.9	399.7	5.55	5400.86
180	3-2552-	203.8	254.6	397.3	4.38	6849.51
200	3-2552-	201.4	252.2	394.9	3.55	8461.15
225	3-2552-	198.3	249.1	391.9	2.80	10709.89
250	3-2552-	195.2	246.0	388.8	2.27	13201.01
280	3-2552-	191.7	242.5	385.2	1.81	16583.85
315	3-2552-	187.5	238.3	381.0	1.43	21008.27
355	3-2552-	182.7	233.5	376.2	1.12	26679.70
400	3-2552-	177.2	228.0	370.8	0.89	33880.31
450	3-2552-	171.3	222.1	364.8	0.70	42919.99
500	3-2552-	165.2	216.0	358.7	0.57	52937.99
560	3-2552-	158.0	208.8	351.5	0.45	66460.46
630	3-2552-	149.6	200.4	343.1	0.36	84117.54



K-Factors for PVC Tees, SCH 80							
		PVC Tees, SCH 80		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
MPV8T005F	159 001 614	0.50	Flow -X0, pH -XX	520.12	1027.1	1027.1	2277.0
MPV8T007F	159 001 615	0.75	Flow -X0, pH -XX	297.52	583.19	583.19	1407.6
MPV8T010F	159 001 616	1.00	Flow -X0, pH -XX	172.07	335.53	335.53	861.17
MPV8T012F	159 001 617	1.25	Flow -X0, pH -XX	91.54	178.79	178.79	464.91
MPV8T015F	159 001 618	1.50	Flow -X0, pH -XX	62.22	121.42	121.42	331.43
MPV8T020F	159 001 619	2.00	Flow -X0, pH -XX	36.32	71.44	71.44	192.89

• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX



K-Factors for PVC Tees, SCH 80							
		PVC Tees, SCH 80		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
MPV8T005	159 001 623	0.50	Flow -X0, pH -XX	520.12	1027.1	1027.1	2277.0
MPV8T007	159 001 624	0.75	Flow -X0, pH -XX	297.52	583.19	583.19	1407.6
MPV8T010	159 001 625	1.00	Flow -X0, pH -XX	172.07	335.53	335.53	861.17
MPV8T012	159 001 626	1.25	Flow -X0, pH -XX	91.54	178.79	178.79	464.91
MPV8T015	159 001 627	1.50	Flow -X0, pH -XX	62.22	121.42	121.42	331.43
MPV8T020	159 001 628	2.00	Flow -X0, pH -XX	36.32	71.44	71.44	192.89

• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX



K-Factors for CPVC Tees, SCH 80							
		CPVC Tees, SCH 80		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
MCPV8T005F	159 001 632	0.50	Flow -X0, pH -XX	520.12	1027.1	1027.1	2277.0
MCPV8T007F	159 001 633	0.75	Flow -X0, pH -XX	297.52	583.19	583.19	1407.6
MCPV8T010F	159 001 634	1.00	Flow -X0, pH -XX	172.07	335.53	335.53	861.17
MCPV8T012F	159 001 635	1.25	Flow -X0, pH -XX	91.54	178.79	178.79	464.91
MCPV8T015F	159 001 636	1.50	Flow -X0, pH -XX	62.22	121.42	121.42	331.43
MCPV8T020F	159 001 637	2.00	Flow -X0, pH -XX	36.32	71.44	71.44	192.89

• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX



K-Factors for CPVC Tees, SCH 80							
		CPVC Tees, SCH 80		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
MCPV8T005	159 001 641	0.50	Flow -X0, pH -XX	520.12	1027.1	1027.1	2277.0
MCPV8T007	159 001 642	0.75	Flow -X0, pH -XX	297.52	583.19	583.19	1407.6
MCPV8T010	159 001 643	1.00	Flow -X0, pH -XX	172.07	335.53	335.53	861.17
MCPV8T012	159 001 644	1.25	Flow -X0, pH -XX	91.54	178.79	178.79	464.91
MCPV8T015	159 001 645	1.50	Flow -X0, pH -XX	62.22	121.42	121.42	331.43
MCPV8T020	159 001 646	2.00	Flow -X0, pH -XX	36.32	71.44	71.44	192.89

• For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-X0-XX, 3-272X-XX



K-Factors for PVC Clamp-on Saddle							
PVC Clamp-on Saddle, SCH 80				SCH 80 K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
PV8S020	159 000 637	2.00	Flow -X0, pH -XX	32.4800	66.7390	66.7390	193.8300
PV8S025	159 000 638	2.50	Flow -X0, pH -XX	21.8330	42.9940	42.9940	138.0100
PV8S030	198 150 577	3.00	Flow -X0, pH -XX	13.5410	26.6520	26.6520	83.8900
PV8S040	198 150 578	4.00	Flow -X1	7.6258	15.0060	15.0060	40.8800
PV8S060	198 150 579	6.00	Flow -X1	4.1623	8.3246	8.3246	22.5300
PV8S080	159 000 639	8.00	Flow -X1	2.3705	5.0164	5.0164	12.5200
PVC Clamp-on Saddle, SCH 40				SCH 40 K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
PV8S020	159 000 637	2.00	Flow -X0, pH -XX	27.3500	54.7000	54.7000	180.0100
PV8S025	159 000 638	2.50	Flow -X0, pH -XX	18.8740	37.1590	37.1590	123.7200
PV8S030	198 150 577	3.00	Flow -X0, pH -XX	12.6380	23.6970	23.6970	75.8100
PV8S040	198 150 578	4.00	Flow -X1	6.7282	13.4560	13.4560	41.8700
PV8S060	198 150 579	6.00	Flow -X1	3.7297	7.4594	7.4594	19.7100
PV8S080	159 000 639	8.00	Flow -X1	2.1527	4.5292	4.5292	11.7300

• For use with P51530-X0/-X1, 3-2536-X0/-X1, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX, 3-272X-XX



K-Factors for PVC Glue-on Saddle						
PVC Glue-on Saddle, SCH 80				SCH 80 K-Factors		
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2551
		[inch]	Type	gpm	gpm	gpm
PV8S100	159 000 695	10.00	Flow -X2	1.5300	3.0600	7.9400
PV8S120	159 000 696	12.00	Flow -X2	1.0600	2.1600	5.7100
PVC Glue-on Saddle, SCH 40				SCH 40 K-Factors		
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2551
		[inch]	Type	gpm	gpm	gpm
PV8S100	159 000 695	10.00	Flow -X2	1.3500	2.8000	7.4300
PV8S120	159 000 696	12.00	Flow -X2	0.9600	1.9800	5.2300

• For use with P51530-X2, 3-2536-X2, 3-2551-X2-XX



K-Factors for Carbon Steel Threaded Tees with NPT Threads, SCH 40							
		Carbon Steel Threaded Tees		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
CS4T005	198 801 459	0.50	Flow -X0, pH -XX	370.2000	756.0000	756.0000	1572.6600
CS4T007	198 801 460	0.75	Flow -X0, pH -XX	212.0600	438.6900	438.6900	1086.7300
CS4T010	198 801 461	1.00	Flow -X0, pH -XX	141.1400	286.7800	286.7800	582.3400
CS4T012	198 801 462	1.25	Flow -X0, pH -XX	60.6550	121.2200	121.2200	377.4800
CS4T015	198 801 419	1.50	Flow -X0, pH -XX	45.3500	91.1390	91.1390	267.7900
CS4T020	198 801 463	2.00	Flow -X0, pH -XX	26.7670	54.4680	54.4680	167.8500

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX



K-Factors for 316 SS (1.4401) Threaded Tee with NPT Threads and PVDF Insert, SCH 40							
		316 SS Threaded Tees		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
CR4T005	198 801 554	0.50	Flow -X0, pH -XX	358.9600	734.2000	734.2000	1601.2600
CR4T007	198 801 555	0.75	Flow -X0, pH -XX	202.6100	412.1000	412.1000	937.7800
CR4T010	198 801 556	1.00	Flow -X0, pH -XX	127.1400	252.7000	252.7000	606.1800
CR4T012	198 801 783	1.25	Flow -X0, pH -XX	61.9100	128.1200	128.1200	279.6800
CR4T015	198 801 784	1.50	Flow -X0, pH -XX	40.4100	77.3200	77.3200	147.6500
CR4T020	198 801 785	2.00	Flow -X0, pH -XX	22.3000	45.7800	45.7800	111.9000

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX



K-Factors for Galvanized Iron Threaded Tee with NPT Threads and PVDF Insert, SCH 40							
		Galvanized Iron Threaded Tee		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
IR4T010	198 801 421	1.00	Flow -X0, pH -XX	104.5400	213.0100	213.0100	558.5000
IR4T012	198 801 422	1.25	Flow -X0, pH -XX	62.9790	127.7500	127.7500	334.4500
IR4T015	198 801 423	1.50	Flow -X0, pH -XX	46.6880	94.4010	94.4010	248.9700
IR4T020	198 801 424	2.00	Flow -X0, pH -XX	29.4590	59.4200	59.4200	146.000

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX



K-Factors for Brass Threaded Tee with NPT Threads and PVDF Insert, SCH 40							
		Brass Threaded Tee		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
BR4T010	198 801 770	1.00	Flow -X0, pH -XX	104.5400	213.0100	213.0100	582.3400
BR4T012	198 801 771	1.25	Flow -X0, pH -XX	62.9790	127.7500	127.7500	330.5400
BR4T015	198 801 772	1.50	Flow -X0, pH -XX	46.6880	94.4010	94.4010	254.7600
BR4T020	198 801 773	2.00	Flow -X0, pH -XX	29.4590	59.4200	59.4200	157.3600

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX



K-Factors for Copper Sweat-on Tee with PVDF Insert							
Copper Sweat-on Tee, SCH K				SCH K K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
CUKT005	198 801 687	0.50	Flow -X0, pH -XX	443.2100	917.8400	917.8400	2459.1900
CUKT007	198 801 688	0.75	Flow -X0, pH -XX	212.1600	428.2700	428.2700	1108.0200
CUKT010	198 801 689	1.00	Flow -X0, pH -XX	127.1800	256.4300	256.4300	649.8700
CUKT012	198 801 690	1.25	Flow -X0, pH -XX	88.2180	176.4400	176.4400	422.0300
CUKT015	198 801 691	1.50	Flow -X0, pH -XX	56.9620	115.6900	115.6900	281.4300
CUKT020	198 801 418	2.00	Flow -X0, pH -XX	29.3700	63.3850	63.3850	136.0200
Copper Sweat-on Tee, SCH L				SCH L K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
CUKT005	198 801 687	0.50	Flow -X0, pH -XX	414.4100	858.2200	858.2200	2406.3000
CUKT007	198 801 688	0.75	Flow -X0, pH -XX	191.0900	385.7400	385.7400	1174.7700
CUKT010	198 801 689	1.00	Flow -X0, pH -XX	119.8400	241.6400	241.6400	672.2800
CUKT012	198 801 690	1.25	Flow -X0, pH -XX	85.4510	170.9000	170.9000	402.8400
CUKT015	198 801 691	1.50	Flow -X0, pH -XX	55.1600	112.0300	112.0300	294.9900
CUKT020	198 801 418	2.00	Flow -X0, pH -XX	28.6050	61.7400	61.7400	149.6300

- For use with P51530-X0, 3-2536-X0, 3-8510-X0, 3-8512-X0, 3-2537-XC-X0, 3-2551-X0-XX, 3-272X-XX



K-Factors for 316 SS Weldolets with PVDF Insert, SCH 40							
316 SS Weldolets				K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
CR4W025	198 801 786	2.50	Flow -X0, pH -XX	18.8000	37.6000	37.6000	106.3100
CR4W030	198 801 787	3.00	Flow -X0, pH -XX	12.1700	24.3400	24.3400	72.2700
CR4W040	198 801 788	4.00	Flow -X0, pH -XX	6.9600	13.9200	13.9200	36.8400
CR4W050	198 801 789	5.00	Flow -X1	5.2600	10.8600	10.8600	29.2800
CR4W060	198 801 790	6.00	Flow -X1	3.6900	7.5200	7.5200	20.2900
CR4W080	198 801 791	8.00	Flow -X1	2.1300	4.3400	4.3400	11.7300
CR4W100	198 801 792	10.00	Flow -X2	1.3500	2.7600	-	7.4500
CR4W120	198 801 793	12.00	Flow -X2	0.9600	1.9400	-	5.2400

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX



K-Factors for Carbon Steel Weld-on Weldolets, SCH 40							
		Carbon Steel Weldolets		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
CS4W025	198 801 464	2.50	Flow -X0, pH -XX	18.8000	37.6000	37.6000	105.7000
CS4W030	198 801 557	3.00	Flow -X0, pH -XX	12.1700	24.3400	24.3400	70.6800
CS4W040	198 801 552	4.00	Flow -X0, pH -XX	6.9600	13.9200	13.9200	36.3800
CS4W050	198 801 465	5.00	Flow -X1	5.2600	10.8600	10.8600	29.2800
CS4W060	198 801 553	6.00	Flow -X1	3.6900	7.5200	7.5200	20.2900
CS4W080	198 801 574	8.00	Flow -X1	2.1300	4.3400	4.3400	11.7300
CS4W100	198 801 575	10.00	Flow -X2	1.3500	2.7600	-	7.4500
CS4W120	198 801 576	12.00	Flow -X2	0.9600	1.9400	-	5.2400

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX



K-Factors for Brass Brazolet with PVDF Insert for Use with Copper Pipe, SCH 40							
		Brass Brazolet		K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
BR4B025	198 801 794	2.50	Flow -X0, pH -XX	18.8000	37.6000	37.6000	117.3100
BR4B030	198 801 795	3.00	Flow -X0, pH -XX	12.1700	24.3400	24.3400	78.6200
BR4B030	198 801 796	4.00	Flow -X0, pH -XX	6.9600	13.9200	13.9200	45.1300
BR4B050	198 801 797	5.00	Flow -X1	5.2600	10.8600	10.8600	32.7900
BR4B060	198 801 798	6.00	Flow -X1	3.6900	7.5200	7.5200	22.7300
BR4B080	198 801 799	8.00	Flow -X1	2.1300	4.3400	4.3400	13.1400
BR4B100	198 801 800	10.00	Flow -X2	1.3500	2.7600	-	8.3400
BR4B120	198 801 801	12.00	Flow -X2	0.9600	1.9400	-	5.8700

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX



K-Factors for Iron Strap-on Saddle							
		Iron Strap-on Saddle, SCH 80		SCH 80 K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
IR8S020	198 801 425	2.00	Flow -X0, pH -XX	32.3600	64.7200	64.7200	194.8500
IR8S025	198 801 426	2.50	Flow -X0, pH -XX	22.2200	42.4800	42.4800	142.2800
IR8S030	198 801 427	3.00	Flow -X0, pH -XX	13.4200	26.4200	26.4200	87.5300
IR8S040	198 801 420	4.00	Flow -X0, pH -XX	7.6600	14.7000	14.7000	40.6200
IR8S050	198 801 429	5.00	Flow -X1	5.8600	12.1800	12.1800	29.2800
IR8S060	198 801 430	6.00	Flow -X1	4.0900	8.4400	8.4400	22.3000
IR8S080	198 801 431	8.00	Flow -X1	2.3300	4.9000	4.9000	12.5200
IR8S100	198 801 432	10.00	Flow -X2	1.5300	3.0600	-	7.9400
IR8S120	198 801 433	12.00	Flow -X2	1.0600	2.1600	-	5.6500
Iron Strap-on Saddle, SCH 40				SCH 40 K-Factors			
Part No.	Code No.	Pipe Size	Sensor	515/8510	2536/8512	2537	2551
		[inch]	Type	gpm	gpm	gpm	gpm
IR8S020	198 801 425	2.00	Flow -X0, pH -XX	26.8200	53.6400	53.6400	185.3500
IR8S025	198 801 426	2.50	Flow -X0, pH -XX	18.8000	37.6000	37.6000	127.4700
IR8S030	198 801 427	3.00	Flow -X0, pH -XX	11.9900	23.2200	23.2200	76.6200
IR8S040	198 801 420	4.00	Flow -X0, pH -XX	6.8500	13.2600	13.2600	40.2300
IR8S050	198 801 429	5.00	Flow -X1	5.3300	11.0400	11.0400	27.3200
IR8S060	198 801 430	6.00	Flow -X1	3.7600	7.2400	7.2400	19.7100
IR8S080	198 801 431	8.00	Flow -X1	2.1300	4.4000	4.4000	11.6100
IR8S100	198 801 432	10.00	Flow -X2	1.3500	2.8000	-	7.3600
IR8S120	198 801 433	12.00	Flow -X2	0.9600	1.9800	-	5.1800

- For use with P51530-X0/-X1/-X2, 3-2536-X0/-X1/-X2, 3-8510-X0/-X1, 3-8512-X0/-X1, 3-2537-XC-X0/-X1, 3-2551-X0-XX/-X1-XX/-X2-XX, 3-272X-XX



K-Factors for Metalex Strap-on Saddle, SCH 40				
		Metalex Strap-on Saddle		K-Factors
Part No.	Code No.	Pipe Size	Sensor	525
		[inch]	Type	gpm
P526-1020	159 000 484	2.00	P525-3, P525-3S	64.8080
P526-1025	159 000 485	2.50	P525-3, P525-3S	44.6850
P526-1030	159 000 486	3.00	P525-3, P525-3S	28.5790
P526-1040	159 000 487	4.00	P525-3, P525-3S	16.3020
P526-1050	159 000 488	5.00	P525-3, P525-3S	10.2370
P526-1060	159 000 489	6.00	P525-3, P525-3S	7.0057
P526-1080	159 000 490	8.00	P525-3, P525-3S	3.9641
P526-1100	159 000 491	10.00	P525-3, P525-3S	2.4960
P526-1120	159 000 492	12.00	P525-3, P525-3S	1.6894

- For use with P525-3 and P525-3S only



		K-Factors for Metalex Weld-on Mini-Tap, SCH 40		
		Metalex Weld-on Mini-Tap		K-Factors
Part No.	Code No.	Pipe Size	Sensor	525
		[inch]	Type	gpm
P526-2012	159 000 494	1.25	P525-2, P525-2S	148.8400
P526-2015	159 000 506	1.50	P525-2, P525-2S	107.9800
P526-2020	159 000 495	2.00	P525-2, P525-2S	64.8080
P526-2025	159 000 496	2.50	P525-2, P525-2S	44.6850
P526-2030	159 000 497	3.00	P525-2, P525-2S	28.5790
P526-2040	159 000 498	4.00	P525-2, P525-2S	16.3020
P526-2050	159 000 499	5.00	P525-2, P525-2S	10.2370
P526-2060	159 000 500	6.00	P525-2, P525-2S	7.0057
P526-2080	159 000 501	8.00	P525-2, P525-2S	3.9641
P526-2100	159 000 502	10.00	P525-2, P525-2S	2.4690
P526-2120	159 000 503	12.00	P525-2, P525-2S	1.6894

- For use with P525-2 and P525-2S only



		K-Factors for Metalex Socket Weld Mini-Tap, SCH 40		
		Metalex Socket Weld Mini-Tap		K-Factors
Part No.	Code No.	Pipe Size	Sensor	525
		[inch]	Type	gpm
P526-2005	198 840 501	0.50	P525-1, P525-1S	873.0300
P526-2007	198 840 502	0.75	P525-1, P525-1S	515.4100
P526-2010	198 840 503	1.00	P525-1, P525-1S	266.1700

- For use with P525-1 and P525-1S only

Union Ends

d	DN	PVC-C Socket	PE 80 Socket	PE 100 Butt	PP-R Butt
20	15	723600106	734600106	753608616	728608506
25	20	723600107	734600107	753608617	728608507
32	25	723600108	734600108	753608618	728608508
40	32	723600109	734600109	753608619	728608509
50	40	723600110	734600110	753608620	728608510
63	50	723600111	734600111	753608621	728608511

To install these union ends, please select an installation T-fitting in PVC-U, PP, PVDF and replace the original union end.



K-Factors for 3-2552-1X - X - XX and 3-2552-2X - X - XX Magmeters

Pipe Size (ANSI)	Schedule	OD (Inches)	WALL (Inches)	ID (Inches)	H Dim	H Dim	K-Factor Pulse/Gal	Factory set 20 mA (GPM)
					-1 Version	-2 Version		
					Inch	Inch		
2	40	2.375	0.15	2.07	8 16/32	10 16/32	174.83	171.6
	80	2.375	0.22	1.94	8 15/32	10 15/32	198.68	151.0
2½	40	2.875	0.20	2.47	8 14/32	10 14/32	122.54	244.8
	80	2.875	0.28	2.32	8 12/32	10 12/32	138.42	216.7
3	40	3.500	0.22	3.07	8 12/32	10 12/32	79.36	378.0
	80	3.500	0.30	2.90	8 10/32	10 9/32	88.82	337.8
3½	40	4.000	0.23	3.55	8 10/32	10 10/32	59.34	505.6
	80	4.000	0.32	3.36	8 8/32	10 8/32	66.01	454.5
4	40	4.500	0.24	4.03	8 8/32	10 8/32	46.09	651.0
	80	4.500	0.34	3.83	8 6/32	10 5/32	51.03	587.9
5	40	5.563	0.26	5.05	8 4/32	10 4/32	29.33	1023
	80	5.563	0.38	4.81	8	10	32.25	930.4
6	40	6.625	0.28	6.07	8	10	20.31	1477
	80	6.625	0.43	5.76	7 28/32	9 28/32	22.51	1333
8	40	8.625	0.32	7.98	7 24/32	9 24/32	11.73	2558
	80	8.625	0.50	7.63	7 20/32	9 20/32	12.85	2335
10	40	10.75	0.37	10.0	7 16/32	9 16/32	7.440	4032
	80	10.75	0.59	9.56	7 11/32	9 11/32	8.170	3672
12	STD	12.75	0.38	12.0	7 10/32	9 10/32	5.187	5783
	XHY	12.75	0.50	11.8	7 7/32	9 6/32	5.410	5545
14	30	14.00	0.38	13.3	7 6/32	9 6/32	4.255	7051
	XHY	14.00	0.50	13.0	7 3/32	9 3/32	4.420	6787
16	30	16.00	0.38	15.3	7	9	3.212	9340
	40/XHY	16.00	0.50	15.0	6 28/32	8 28/32	3.320	9036
18	STD	18.00	0.38	17.3	6 25/32	8 25/32	2.510	11950
	XHY	18.00	0.50	17.0	6 22/32	8 22/32	2.585	11610
20	20/STD	20.00	0.38	19.3	6 18/32	8 19/32	2.016	14880
	30/XHY	20.00	0.50	19.0	6 16/32	8 16/32	2.069	14500
22	20/STD	22.00	0.38	21.3	6 12/32	8 12/32	1.654	18136
	30/XHY	22.00	0.50	21.0	6 9/32	8 9/32	1.694	17711
24	20/STD	24.00	0.38	23.3	6 6/32	8 6/32	1.382	21710
	XHY	24.00	0.50	23.0	6 3/32	8 3/32	1.412	21246



K-Factors for 3-2552-1X - X - XX and 3-2552-2X - X - XX Magmeters

Pipe Size (ANSI)	Schedule	OD (Inches)	WALL (Inches)	ID (Inches)	H Dim	H Dim	K-Factor Pulse/Gal	Factory set 20 mA (GPM)
					-1 Version	-2 Version		
					Inch	Inch		
26	STD	26	0.38	25.25	6	8	1.172	25606
	20/XHY	26	0.50	25.00	5 28/32	7 28/32	1.195	25101
28	STD	28	0.38	27.25	5 25/32	7 25/32	1.006	29823
	20/XHY	28	0.50	27.00	5 22/32	7 22/32	1.025	29278
30	STD	30	0.38	29.25	5 19/32	7 19/32	0.873	34361
	20/XHY	30	0.50	29.00	5 16/32	7 16/32	0.888	33776
32	STD	32	0.38	31.25	5 12/32	7 12/32	0.765	39220
	20/XHY	32	0.50	31.00	5 9/32	7 9/32	0.777	38595
34	STD	34	0.38	33.25	5 6/32	7 6/32	0.676	44401
	20/XHY	34	0.50	33.00	5 3/32	7 3/32	0.686	43736
36	STD	36	0.38	35.25	5	7	0.601	49903
	20/XHY	36	0.50	35.00	4 28/32	6 28/32	0.610	49198
38	STD	38	0.38	37.25	4 25/32	6 25/32	0.538	55727
	XHY	38	0.50	37.00	4 22/32	6 22/32	0.546	54981
40	STD	40	0.38	39.25	4 19/32	6 19/32	0.485	61872
	XHY	40	0.50	39.00	4 16/32	6 16/32	0.491	61086
42	STD	42	0.38	41.25	4 12/32	6 12/32	0.439	68338
	XHY	42	0.50	41.00	4 9/32	6 9/32	0.444	67512
48	STD	48	0.38	47.25	3 25/32	5 25/32	0.335	89664
	XHY	48	0.50	47.00	3 22/32	5 22/32	0.338	88717
54	STD	54.00	0.38	53.25	3 6/32	5 6/32	0.2634	113881
	XHY	54.00	0.50	53.00	3 3/32	5 3/32	0.2659	112814
60	STD	60.00	0.38	59.25	2 19/32	4 19/32	0.2128	140990
	XHY	60.00	0.50	59.00	2 15/32	4 16/32	0.2146	139802
66	STD	66.00	0.38	65.25	1 31/32	4	0.1754	170991
	XHY	66.00	0.50	65.00	1 28/32	3 29/32	0.1768	169683
72	STD	72.00	0.38	71.25	1 12/32	3 13/32	0.1471	203883
	XHY	72.00	0.50	71.00	1 9/32	3 10/32	0.1482	202455
78	STD	78.00	0.38	77.25	25/32	2 26/32	0.1252	239667
	XHY	78.00	0.50	77.00	22/32	2 22/32	0.1260	238119
84	STD	84.00	0.38	83.25	6/32	2 6/32	0.1078	278343
	XHY	84.00	0.50	83.00	3/32	2 3/32	0.1084	276674
90	STD	90.00	0.375	89.25		1 19/32	0.0938	319910
	XHY	90.00	0.500	89.00		1 16/32	0.0943	318120
96	STD	96.00	0.375	95.25		1	0.0823	364369
	XHY	96.00	0.500	95.00		29/32	0.0828	362459
102	STD	102.00	0.38	101.25		13/32	0.0729	411720
	XHY	102.00	0.50	101.00		10/32	0.0732	409690
108	STD	108.00	0.38					
	XHY	108.00	0.50					
120	STD	120.00	0.38					
	XHY	120.00	0.50					
144	STD	144.00	0.38					
	XHY	144.00	0.50					



K-Factors for 3-2552-3X - X - XX Magmeters

Pipe Size (ANSI)	Schedule	OD (Inches)	WALL (Inches)	ID (Inches)	H Dim mm -3X Version	K-Factor Pulse/Gal	Factory set 20 mA (GPM)
					Inch		
2	40	2.375	0.15	2.07	16 5/32	174.83	171.6
	80	2.375	0.22	1.94	16 3/32	198.68	151.0
2½	40	2.875	0.20	2.47	16	122.54	244.8
	80	2.875	0.28	2.32	16	138.42	216.7
3	40	3.500	0.22	3.07	15 31/32	79.36	378.0
	80	3.500	0.30	2.90	15 29/32	88.82	337.8
3½	40	4.000	0.23	3.55	15 29/32	59.34	505.6
	80	4.000	0.32	3.36	15 27/32	66.01	454.5
4	40	4.500	0.24	4.03	15 28/32	46.09	651.0
	80	4.500	0.34	3.83	15 25/32	51.03	587.9
5	40	5.563	0.26	5.05	15 24/32	29.33	1023
	80	5.563	0.38	4.81	15 21/32	32.25	930.4
6	40	6.625	0.28	6.07	15 20/32	20.31	1477
	80	6.625	0.43	5.76	15 16/32	22.51	1333
8	40	8.625	0.32	7.98	15 12/32	11.73	2558
	80	8.625	0.50	7.63	15 8/32	12.85	2335
10	40	10.75	0.37	10.0	15 4/32	7.440	4032
	80	10.75	0.59	9.56	14 30/32	8.170	3672
12	STD	12.75	0.38	12.0	14 30/32	5.187	5783
	XHY	12.75	0.50	11.8	14 26/32	5.410	5545
14	30	14.00	0.38	13.3	14 26/32	4.255	7051
	XHY	14.00	0.50	13.0	14 22/32	4.420	6787
16	30	16.00	0.38	15.3	14 19/32	3.212	9340
	40/XHY	16.00	0.50	15.0	14 16/32	3.320	9036
18	STD	18.00	0.38	17.3	14 13/32	2.510	11950
	XHY	18.00	0.50	17.0	14 10/32	2.585	11610
20	20/STD	20.00	0.38	19.3	14 6/32	2.016	14880
	30/XHY	20.00	0.50	19.0	14 3/32	2.069	14500
22	20/STD	22.00	0.38	21.3	14	1.654	18136
	30/XHY	22.00	0.50	21.0	13 29/32	1.694	17711
24	20/STD	24.00	0.38	23.3	13 26/32	1.382	21710
	XHY	24.00	0.50	23.0	13 22/32	1.412	21246



K-Factors for 3-2552-3X - X - XX Magmeters

Pipe Size (Inch)	Schedule	OD (Inches)	WALL (Inches)	ID (Inches)	H Dim mm	K-Factor Pulse/Gal	Factory set 20 mA (GPM)
					-3X Version		
					Inch		
26	STD	26	0.38	25.25	13 19/32	1.172	25606
	20/XHY	26	0.50	25.00	13 16/32	1.195	25101
28	STD	28	0.38	27.25	13 13/32	1.006	29823
	20/XHY	28	0.50	27.00	13 10/32	1.025	29278
30	STD	30	0.38	29.25	13 6/32	0.873	34361
	20/XHY	30	0.50	29.00	13 3/32	0.888	33776
32	STD	32	0.38	31.25	13	0.765	39220
	20/XHY	32	0.50	31.00	12 29/32	0.777	38595
34	STD	34	0.38	33.25	12 26/32	0.676	44401
	20/XHY	34	0.50	33.00	12 22/32	0.686	43736
36	STD	36	0.38	35.25	12 19/32	0.601	49903
	20/XHY	36	0.50	35.00	12 16/32	0.610	49198
38	STD	38	0.38	37.25	12 13/32	0.538	55727
	XHY	38	0.50	37.00	12 10/32	0.546	54981
40	STD	40	0.38	39.25	12 6/32	0.485	61872
	XHY	40	0.50	39.00	12 3/32	0.491	61086
42	STD	42	0.38	41.25	12	0.439	68338
	XHY	42	0.50	41.00	11 29/32	0.444	67512
48	STD	48	0.38	47.25	11 13/32	0.335	89664
	STD	54.00	0.38	53.25	10 26/32	0.2634	113881
54	XHY	54.00	0.50	53.00	10 22/32	0.2659	112814
	60	STD	60.00	0.38	59.25	10 6/32	0.2128
XHY		60.00	0.50	59.00	10 3/32	0.2146	139802
66	STD	66.00	0.38	65.25	9 19/32	0.1754	170991
	XHY	66.00	0.50	65.00	9 16/32	0.1768	169683
72	STD	72.00	0.38	71.25	9	0.1471	203883
	XHY	72.00	0.50	71.00	8 29/32	0.1482	202455
78	STD	78.00	0.38	77.25	8 13/32	0.1252	239667
	XHY	78.00	0.50	77.00	8 10/32	0.1260	238119
84	STD	84.00	0.38	83.25	7 26/32	0.1078	278343
	XHY	84.00	0.50	83.00	7 22/32	0.1084	276674
90	STD	90.00	0.375	89.25	7 6/32	0.0938	319910
	XHY	90.00	0.500	89.00	7 3/32	0.0943	318120
96	STD	96.00	0.375	95.25	6 19/32	0.0823	364369
	XHY	96.00	0.500	95.00	6 16/32	0.0828	362459
102	STD	102.00	0.38	101.25	6	0.0729	411720
	XHY	102.00	0.50	101.00	5 29/32	0.0732	409690



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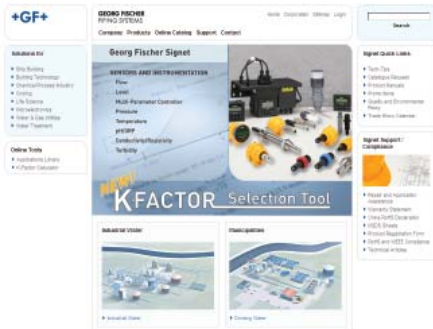
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