

L U S I D A

Valves & Fittings

Product Catalog & Technical Data

UPVC & CPVC Valves

DIN & SCH40 Fittings

DWV · BSPT · CPVC

PP & PPR Fittings

2026 Edition

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All dimensions in millimetres unless stated. Specifications are nominal and may change without notice; confirm critical dimensions before ordering.

01 UPVC Valves

Ball, union, butterfly and check valves in UPVC and CPVC, with component materials and dimensions. Threads per inch shown for NPT and BSPT; socket dimensions for JIS, ANSI and DIN.

PVC Ball Valve Weights

PN16 PVC BALL VALVE

Size	Weight (g)
1/2"	87
3/4"	129
1"	188.5
1-1/4"	272
1-1/2"	386
2"	659

PN10 PVC BALL VALVE

Size	Weight (g)
2-1/2"	1083
3"	2007
4"	3200

Compact Ball Valve — Type A (Extended Body)

COMPONENTS

Part	Material	Qty
Body	U-PVC	1
Seat seal	EPDM	2
Stem O-ring	EPDM	1
Ball	PP	1
Handle	PVC alloy handle	1
Cap	PVC	1

DIMENSIONS (MM)

Parameter	1/2" (DN15)	3/4" (DN20)	1" (DN25)	1-1/4" (DN32)	1-1/2" (DN40)	2" (DN50)	2-1/2" (DN65)	3" (DN80)	4" (DN100)
Weight (g)	87	129	188.5	272	386	659	1083	2007	3305
Threads/in NPT	14	14	11.5	11.5	11.5	11.5	8	8	8
Threads/in BSPT	14	14	11	11	11	11	11	11	11
ANSI d1	21.23	26.57	33.27	42.04	48.11	60.17	72.85	88.7	114.07
ANSI d2	21.54	26.87	33.65	42.42	48.58	60.63	73.38	89.31	114.76
d3	15	20	25	31	36	45	60	73	83
D	30.21	37.64	44.67	51.56	62.37	75.93	90.3	108	134.5
L	82.3	95.6	105.8	119	127.8	149.6	177	243.4	286
L1	69.8	76.4	90	102	110	131	160	176	179
I	24.3	29.4	30.5	33.6	33.6	38.3	43.2	69	79.2

Compact Ball Valve — Type B

COMPONENTS

Part	Material	Qty
Body	UPVC, CPVC	1
Stem O-ring	EPDM, FPM (NBR)	1
Stem	UPVC, CPVC	1
Ball	UPVC, CPVC	1
Seat seal	TPE, TPV, TPO	2
Cap	PVC, ABS	1
Handle	PVC, ABS	1
Screw	SS304, Steel	1

DIMENSIONS (MM)

Parameter	1/2" (DN15)	3/4" (DN20)	1" (DN25)	1-1/4" (DN32)	1-1/2" (DN40)	2" (DN50)	2-1/2" (DN65)	3" (DN80)	4" (DN100)
Weight (g)	61	88	140	248	315	525	982	1460	2720
Threads/in NPT	14	14	11.5	11.5	11.5	11.5	8	8	8
Threads/in BSPT	14	14	11	11	11	11	11	11	11
JIS I	20	23	25	27	31	34	45	50	55
JIS d1	22.3	26.3	32.33	38.43	48.46	60.56	76.6	89.6	114.7
JIS d2	21.7	25.7	31.67	37.57	47.54	59.44	75.87	88.83	113.98
ANSI I	20	23	25	27	31	34	45	50	55
ANSI d1	21.54	26.87	33.65	42.42	48.56	60.63	73.38	89.31	114.76
ANSI d2	21.23	26.57	33.27	42.04	48.11	60.17	72.85	88.7	114.07
DIN I	20	23	25	27	31	34	45	50	55
DIN d1	20.3	25.3	32.3	40.3	50.3	63.3	75.3	90.3	110.4
DIN d2	20	25	32	40	50	63	75	90	110
d	15	19	24	30	34	45	55	70	85
H	37	55	66	73	81	91	99	121	134
A	68	80	94	100	110	136	170	210	236
L	77	91	103	111	123	146	178	210	255
D	30	35.5	43	52	62	75	91	106	130

Octagonal Ball Valve

COMPONENTS

Part	Material	Qty
Body	UPVC, CPVC	1
Stem O-ring	EPDM, FPM (NBR)	1
Stem	UPVC, CPVC	1
Ball	UPVC, CPVC	1
Seat seal	TPE, TPV, TPO	2
Cap	PVC, ABS	1
Handle	PVC, ABS	1
Screw	SS304, Steel	1

DIMENSIONS (MM)

Parameter	1/2" (DN15)	3/4" (DN20)	1" (DN25)	1-1/4" (DN32)	1-1/2" (DN40)	2" (DN50)	2-1/2" (DN65)	3" (DN80)	4" (DN100)
Threads/in NPT	14	14	11.5	11.5	11.5	11.5	8	8	8
Threads/in BSPT	14	14	11	11	11	11	11	11	11
JIS I	20	23	25	27	31	34	45	50	55
JIS d1	22.3	26.3	32.33	38.43	48.46	60.56	76.6	89.6	114.7
JIS d2	21.7	25.7	31.67	37.57	47.54	59.44	75.87	88.83	113.98
ANSI I	20	23	25	27	31	34	45	50	55
ANSI d1	21.54	26.87	33.65	42.42	48.56	60.63	73.38	89.31	114.76
ANSI d2	21.23	26.57	33.27	42.04	48.11	60.17	72.85	88.7	114.07
DIN I	20	23	25	27	31	34	45	50	55
DIN d1	20.3	25.3	32.3	40.3	50.3	63.3	75.3	90.3	110.4
DIN d2	20	25	32	40	50	63	75	90	110
d	15	19	24	30	34	45	55	70	85
H	37	55	66	73	81	91	99	121	134
A	68	80	94	100	110	136	170	210	236
L	77	91	103	111	123	146	178	210	255
D	30	35.5	43	52	62	75	91	106	130

Union Ball Valve — Single & Double Union

COMPONENTS

Part	Material	Qty (single union)	Qty (double union)
Body	UPVC, CPVC	1	1
Stem O-ring	EPDM, FPM (NBR)	2	2
Stem	UPVC, CPVC	1	1
Ball	UPVC, CPVC	1	1
Seat seal	TPE, TPV, TPO	2	2
Carrier O-ring	EPDM, FPM (NBR)	1	1
Seal carrier	UPVC, CPVC	1	1
Union O-ring	EPDM, FPM (NBR)	1	2
End connector	UPVC, CPVC	1	2

Part	Material	Qty (single union)	Qty (double union)
Union nut	UPVC, CPVC	1	2
Handle	PVC	1	1

DIMENSIONS (MM)

Parameter	1/2" (DN15)	3/4" (DN20)	1" (DN25)	1-1/4" (DN32)	1-1/2" (DN40)	2" (DN50)	2-1/2" (DN65)	3" (DN80)	4" (DN100)
Threads/in NPT	14	14	11.5	11.5	11.5	11.5	8	8	8
Threads/in BSPT	14	14	11	11	11	11	11	11	11
JIS I	16.1	18.5	21	26.5	31.3	38	41	51.5	61
JIS d1	22.3	26.3	32.33	38.43	48.46	60.56	76.6	89.6	114.7
JIS d2	21.7	25.7	31.67	37.57	47.54	59.44	75.87	88.83	113.98
ANSI I	16.1	18.5	21	26.5	31.3	38	41	51.5	61
ANSI d1	21.54	26.87	33.65	42.42	48.56	60.63	73.38	89.31	114.76
ANSI d2	21.23	26.57	33.27	42.04	48.11	60.17	72.85	88.7	114.07
DIN I	16.1	18.5	21	26.5	31.3	38	41	51.5	61
DIN d1	20.3	25.3	32.3	40.3	50.3	63.3	75.3	90.3	110.4
DIN d2	20	25	32	40	50	63	75	90	110
d	15	20	25	30	38	48	59	72	96
C	56	60	69	80	95	116	139	170	210
E	79	90	103	122	139	166	190	235	277
A	67	78	87	102	120	146	178	210	250
L	83	94	107	122	146	171	210	246	283
D	28.8	35	43	52	62	75.5	88.5	106	131

One dimension table covers both single- and double-union versions.

Butterfly Valve — Lever Operated

COMPONENTS

Part	Material	Qty
Body	PVC	1
Seat seal	EPDM, FPM (NBR)	1
Gate	PVC	1
Stem	Steel, SS304, SS316	1
O-ring	EPDM, FPM (NBR)	1
Washer	ABS	1
Locking plate	PVC	1
Large handle	ABS	1
Small handle	ABS	1
Spring	SS304, 316	1
Pin	SS304, 316	1
Bolt	SS304, 316	1
Handle cap	ABS	1
Inserted bolt	SS304, 316	4
Bolt cap	PVC	4

DIMENSIONS (MM)

Parameter	2" (DN50)	2-1/2" (DN65)	3" (DN80)	4" (DN100)	5" (DN125)	6" (DN150)	8" (DN200)
ØD	160	180	196	228	258	287	344
P.C.D. ØD1 DIN	125	145	160	180	210	240	295
P.C.D. ØD1 ANSI	121	140	152	191	216	241	298
P.C.D. ØD1 JIS	120	140	150	175	210	240	290
Ød	48	63	78	98	122	146	199
L	43	46	49	54	64	70	88
Ø1	124	124	124	124	170	170	170
Ø2 (ISO5211)	F05/F07	F05/F07	F05/F07	F05/F07	F07/F10	F07/F10	F10
L1	190	190	240	240	310	310	310
W	55	55	55	55	72	72	72
H1	100	112	120	140	168	181	215
H2	143	155	172	194	223	239	280
H	223	245	270	308	352	382	452
n-Øe DIN	4-Ø19	4-Ø19	8-Ø19	8-Ø19	8-Ø19	8-Ø23	8-Ø23
n-Øe ANSI	4-Ø19	4-Ø19	4-Ø19	8-Ø19	8-Ø19	8-Ø23	8-Ø23
n-Øe JIS	4-Ø18	4-Ø19	8-Ø19	8-Ø19	8-Ø19	8-Ø23	12-Ø23
PN (PSI)	150	150	150	150	150	150	100
PN (MPa)	1	1	1	1	1	1	0.6

Butterfly Valve — Gear Operated

COMPONENTS

Part	Material	Qty
Body	PVC/CPVC/PPG	1
Seat seal	EPDM, FPM	1
Disc	PVC/CPVC/PPG	1
Bolt	SUS304	1
Stem	Steel/SUS304/SUS316	1
O-ring	EPDM, FPM	1
Key	Steel	1
Gear box	Iron	1
Hand wheel	Iron	1
Pin	Steel	1

DIMENSIONS (MM)

Parameter	4" (DN100)	5" (DN125)	6" (DN150)	8" (DN200)	10" (DN250)	12" (DN300)	14" (DN350)	16" (DN400)	20" (DN500)
ØD	228	258	287	344	412	460	500	565	670
P.C.D. ØD1 DIN	180	210	240	295	350	400	460	515	620
P.C.D. ØD1 ANSI	191	216	241	298	362	432	476	540	—
P.C.D. ØD1 JIS	175	210	240	290	355	400	445	510	—
Ød	98	122	146	179	255	302	345	395	490
L	54	64	70	88	98	108	88	98	135
Ø1	145	280	280	280	280	280	380	380	280
L1	120	200	200	200	220	220	280	280	—
H1	140	168	181	215	260	280	410	490	520
H	340	385	417	487	551	595	670	770	865
M	120	180	180	180	180	180	250	250	—
N	90	100	100	100	130	130	220	220	—
n-Øe DIN	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	16-Ø25	16-Ø27	20-Ø32
n-Øe ANSI	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	12-Ø29	16-Ø29	—
n-Øe JIS	8-Ø19	8-Ø19	8-Ø23	12-Ø23	12-Ø25	16-Ø25	16-Ø25	16-Ø25	16-Ø27
PN (PSI)	150	150	150	150	100	100	60	60	60
PN (MPa)	1	1	1	1	0.6	0.6	0.4	0.4	0.4

The 20" (DN500) column is printed as "80" in the source catalog; 20" is assumed from DN500.

Other Valves, Connectors & Accessories

PVC Two-Piece Ball Valve

Size	1/2" to 4" (15mm to 100mm)
Ends	Socket and threaded

Evacuation Valve

Size	3/4", 1", 2"
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PVC Flange

Size	1/2" to 4" (15mm to 100mm)
Ends	Socket

PVC Union

Size	1/2" to 4"
Colour	White, grey
Specification	SCH40, SCH80, DIN

PVC Foot Valve

Size	1/2" to 8" (15mm to 200mm)
Ends	Socket and threaded

PVC Wafer Check Valve

Material	U-PVC
Colour	Grey, white
Standard	DIN, JIS, BS, ANSI
Size	2" to 8"

PVC Compression

Size	1/2" to 4" (15mm to 100mm)
Specification	SCH40, DIN

PVC Check Valve

Material	PVC/UPVC
Standard	DIN, ANSI, NPT, BSPT, BS
Size	DN65 to DN150 (2-1/2" to 6")
Connection	Sockets; cement; glue

PVC Male Union

Size	1/2" to 4"
Standard	DIN, BS
Ends	Socket and thread

PTFE Threaded Seal Tape

Name	100% PTFE water pipe thread seal tape
Colour	White, yellow or other
Width	3-100mm (1/2", 3/4", 1")
Thickness	0.075mm, 0.1mm, 0.2mm
Length	5-100m
Density	0.2-1.2 g/cm ³
Material	PTFE
Temperature range	-190°C to +370°C
Sample	Available
Packing	10 pcs/roll, 250 pcs inner box, 1000 or 250 pcs per box; or per customer request

Plastic Faucet

Material	ABS, PP, PVC
Size	1/2", 3/4"
Usage	Kitchen, outdoors, sanitary, basin, washing machine
Installation type	Wall mounted
Packaging	240 pcs/box

02 Pipe Fittings

UPVC, CPVC, PP and PPR fittings for water supply, drainage and irrigation.

UPVC Fittings — DIN Standard PN10 / PN16

Product	Size (mm OD Ø / De; reducing = main x branch)
Coupling	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø125, Ø140, Ø160, Ø200, Ø250, Ø315, Ø400
Male Coupling	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
Female Coupling	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
End Cap	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø125, Ø160, Ø200, Ø250, Ø315, Ø400
TS Flange	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø125, Ø160, Ø200
PVC Union Check Valve (Type 2)	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
90° Elbow	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø125, Ø140, Ø160, Ø200, Ø250, Ø315, Ø400
Reducing Coupling	Ø25x20, Ø32x20, Ø32x25, Ø40x20, Ø40x25, Ø40x32, Ø50x20, Ø50x25, Ø50x32, Ø50x40, Ø63x25, Ø63x32, Ø63x40, Ø63x50, Ø75x32, Ø75x40, Ø75x50, Ø75x63, Ø90x40, Ø90x50, Ø90x63, Ø90x75, Ø110x50, Ø110x63, Ø110x75, Ø110x90, Ø125x63, Ø125x75, Ø125x90, Ø125x110, Ø140x110, Ø160x90, Ø160x110, Ø160x125, Ø200x110, Ø200x160, Ø250x110, Ø250x160, Ø250x200, Ø315x110, Ø315x160, Ø315x200, Ø315x250, Ø400x200, Ø400x250, Ø400x315, Ø400x355
PVC Union Check Valve	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
45° Elbow	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø125, Ø140, Ø160, Ø200, Ø250, Ø315, Ø400
Reducing Tee	Ø25x20, Ø32x20, Ø32x25, Ø40x20, Ø40x25, Ø40x32, Ø50x20, Ø50x25, Ø50x32, Ø50x40, Ø63x20, Ø63x25, Ø63x32, Ø63x40, Ø63x50, Ø75x32, Ø75x40, Ø75x50, Ø75x63, Ø90x40, Ø90x50, Ø90x63, Ø90x75, Ø110x50, Ø110x63, Ø110x75, Ø110x90, Ø125x63, Ø125x75, Ø125x90, Ø125x110, Ø140x110, Ø160x90, Ø160x110, Ø200x75, Ø200x90, Ø200x110, Ø200x160, Ø250x110, Ø250x160, Ø250x200, Ø315x110, Ø315x160, Ø315x200, Ø315x250, Ø400x200, Ø400x250, Ø400x315
Tee	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø125, Ø140, Ø160, Ø200, Ø250, Ø315, Ø400
Van Stone Flange	Ø50, Ø63, Ø75, Ø90, Ø110, Ø160, Ø200, Ø250, Ø315, Ø355, Ø400, De450, De500
One-Piece Flange	De20, De25, De32, De40, De50, De63, De75, De90, De110, De140, De160, De180, De200, De250, De280
Clamp Saddle	De90x1.5", De110x0.5", De110x0.75", De110x1", De110x1.5", De110x2", De110x2.5", De125x1.5", De125x2", De125x2.5", De160x0.5", De160x0.75", De160x1", De160x1.5", De160x2", De160x2.5", De200x1.5", De200x2", De200x2.5", De225x0.5", De225x1.5", De225x2", De225x2.5", De250x2", De250x2.5", De250x3", De315x2", De315x3", De315x4", De315x110, De315x160, De400x200
PVC Foot Valve with Union	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
Elbow 90° (F/F)	De63, De75, De90, De110, De160, De200, De225, De250, De315, De355
Faucet Flange	De63, De75, De90, De110, De125, De140, De160, De200, De225, De250, De315, De355, De400
Spigot Flange	De63, De75, De90, De110, De160, De200, De225, De250, De315, De400
Reducer (F/F)	De75x63, De90x63, De90x75, De110x63, De110x75, De110x90, De160x110, De200x110, De200x160, De225x110, De225x160, De225x200, De250x110, De250x160, De250x200, De250x225, De315x110, De315x160, De315x200, De315x225, De315x250, De355x200, De355x315
Threaded Elbow 90°	20x0.5", 25x0.75"
Elbow 22.5° (F/S)	De225, De250, De315

Product	Size (mm OD Ø / De; reducing = main x branch)
Elbow 22.5° (F/F)	De63, De75, De90, De110, De160, De200, De225, De250, De315
Elbow 45° (F/F)	De63, De75, De90, De110, De160, De200, De225, De250, De315, De355
Elbow 45° (F/S)	De200, De225, De250, De315
Elbow 90° (F/S)	De200, De225, De250, De315
Tee (F/F/S)	De110, De160x110, De160, De200x110, De200x160, De200, De225x110, De225x160, De225, De250x110, De250x160, De250x200, De250, De315x110, De315x160, De315x200, De315
Tee (F/F/F)	De63, De75, De90, De110, De160, De200, De225, De250, De315, De355, De75x63, De90x63, De90x75, De110x63, De110x75, De110x90, De160x63, De160x75, De160x90, De160x110, De200x63, De200x75, De200x90, De200x110, De200x160, De225x110, De225x160, De250x110, De250x160, De250x200, De250x225, De315x110, De315x160, De315x200, De315x225, De315x250, De355x160, De355x200, De355x225, De355x250, De355x315
Reducing Bushing	Ø25x20, Ø32x25, Ø40x32, Ø50x40, Ø63x50, Ø75x63, Ø90x75, Ø110x90, Ø140x110, Ø160x110, Ø160x140, Ø225x160, Ø280x250, Ø315x280, Ø355x315, Ø400x315, Ø400x355
Tee with Flanged Branch (F/F)	De110, De160x110, De160, De200x110, De200x160, De200, De225x110, De225x160, De225, De250x110, De250x160, De250x200, De250, De315x110, De315x160, De315x200, De315
Y-Tee	De110, De160, De200, De250, De315
Lateral Cross (F/F/S/S)	De110, De160, De200, De250, De315
PVC Cross 2 PN16	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø140, Ø160, Ø200, Ø250, Ø315
Flange Foot Valve	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
PVC Double Union Valve	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
PVC Cross PN16	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110, Ø140, Ø160, Ø200, Ø225, Ø250, Ø315
Y-Filter	Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø75, Ø90, Ø110
PVC Reducer Cross PN16	Ø90x50, Ø90x63, Ø110x50, Ø110x63, Ø140x50, Ø140x63, Ø140x75, Ø160x63, Ø160x110

Ø / De = pipe outside diameter in mm. F = female (socket), S = spigot. Reducing sizes are main × branch.

SCH40 UPVC Fittings

Product	Size (inch)	Industry cross-ref no.
Coupling	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	429-005, 429-007, 429-010, 429-012, 429-015, 429-020, 429-025, 429-030, 429-040
End Cap	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	447-005, 447-007, 447-010, 447-012, 447-015, 447-020, 447-025, 447-030, 447-040
Female End Cap	½, ¾, 1	448-005, 448-007, 448-010
Female Adaptor	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	435-005, 435-007, 435-010, 435-012, 435-015, 435-020, 435-025, 435-030, 435-040
Union	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	457-005, 457-007, 457-010, 457-012, 457-015, 457-020, 457-025, 457-030, 457-040
Reducing Bushing	½, ¾, 1, 1¼, 1½, 2	—
Male Plug	¾x½, 1x¾, 1¼x1, 1½x1¼, 2x1½	—
Male Adaptor	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	436-005, 436-007, 436-010, 436-012, 436-015, 436-020, 436-025, 436-030, 436-040
Reducing Coupling	¾x½, 1x½, 1x¾, 1¼x¾, 1¼x1, 1½x1, 1½x1¼, 2x1¼, 2x1½, 2½x1½, 2½x2, 3x2, 3x2½, 4x2½, 4x3	—
90° Female Elbow	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	407-005, 407-007, 407-010, 407-012, 407-015, 407-020, 407-025, 407-030, 407-040
90° Elbow	½, ¾, 1, 1¼, 1½, 2	406-005, 406-007, 406-010, 406-012, 406-015, 406-020
90° Female Reducing Elbow	½x¾, 1x½, 1x¾	—
45° Elbow	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	417-005, 417-007, 417-010, 417-012, 417-015, 417-020, 417-025, 417-030, 417-040
Tee	½, ¾, 1, 1¼, 1½, 2, 2½, 3, 4	401-005, 401-007, 401-010, 401-012, 401-015, 401-020, 401-025, 401-030, 401-040
Reducing Tee	¾x½, 1x½, 1x¾, 1¼x¾, 1¼x1, 1½x1, 1½x1¼, 2x1¼, 2x1½, 2½x1½, 2½x2, 3x2, 3x2½, 4x2½, 4x3	—
Female Tee	½x½, ¾x¾, 1x1	—

Cross-reference numbers follow the Spears/Lasco-style numbering widely used for Schedule 40 PVC (e.g. 429-010 = 1" coupling). Confirm slip vs. threaded ends before ordering.

UPVC BSPT Thread Fittings

Product	Size (inch)
Female Coupling	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
Female Reducer	3/4"x1/2", 1"x1/2", 1"x3/4"
Male Coupling	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Male Plug	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Female and Male Adapter	3/4"x1/2", 1"x1/2", 1"x3/4", 1-1/4"x3/4", 1-1/4"x1", 1-1/2"x3/4", 1-1/2"x1", 1-1/2"x1-1/4", 2x1", 2x1-1/4", 2"x1-1/2"
Female Cap	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Male Reducing Coupling	3/4"x1/2", 1"x1/2", 1"x3/4"
Female and Male Union	1/2", 3/4", 1"
Female and Male Tank Back Nut	1/2", 3/4", 1"
Female Union	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Clip	1/2", 3/4"
Female Tee	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
Female Reducer Tee	3/4"x1/2", 1"x1/2", 1"x3/4"
Female Elbow	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
Reduced Elbow	3/4"x1/2"
Elbow with Brass	1/2", 3/4", 1/2"x3/4"
Male & Female Elbow	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

PVC DWV Fittings (ASTM D2665)

Product	Size (inch)
DWV Coupler	1-1/2", 2", 3", 4", 6"
DWV Male Adapter	2"
DWV End Cap	2", 3", 4"
DWV Reducing Bushing	2"x1-1/2", 4"x2"
DWV Plug	1-1/4", 1-1/2", 2", 3", 4", 6"
DWV Vent Cap	2", 3", 4"
Trap Adaptor	1-1/2"
DWV Triple	4"
DWV Elbow 90°	3", 4"
DWV Elbow 45°	1-1/2", 2", 3", 4", 6"
DWV Tee	3", 4", 1-1/2", 2", 6"
DWV Bend	1-1/2", 2", 3", 4", 6"
DWV Elbow M×F	1-1/2", 2"
DWV Y-Tee	1-1/2", 2", 3", 4", 6"
P-Trap with Female Clean Out	1-1/2", 2"
DWV U-Elbow	1-1/2", 2"
S-Trap with Male Clean Out	1-1/2", 2"
S-Trap without Clean Out	1-1/2", 2"
DWV Trap with Union	1-1/2"
Tail Piece	1-1/2"

PP Compression Fittings

Product	Size (mm, or mm x inch thread)
End Cap	20, 25, 32, 40, 50, 63, 75, 90, 110
Reducing Coupling	25X20, 32X20, 32X25, 40X20, 40X25, 40X32, 50X25, 50X32, 50X40, 63X32, 63X40, 63X50, 75X50, 75X63, 90X63, 90X75, 110X90
Female Tee	20x½", 25x½", 25x¾", 32x½", 32x¾", 32x1", 40x1¼", 50x1¼", 50x1½", 63x1½", 63x2", 75x2½", 90x3", 110x4"
Female Elbow	20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x3/4", 32x1", 32x1-1/4", 40x1", 40x1¼", 40x1-1/2", 50x1-1/4", 50x1-1/2", 50x2", 63x1½", 63x2", 75x2", 75x2½", 90x2-1/2", 90x3", 110x3", 110x4"
PP Double Union Valve	20x20, 25x25, 32x32, 40x40, 50x50, 63x63, 75x75, 90x90, 110x110
Coupling	20, 25, 32, 40, 50, 63, 75, 90, 110
Male Adaptor	20x1/2", 20x3/4", 20x1", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x1-1/4", 40x1", 40x1-1/4", 40x1-1/2", 50x1-1/4", 50x1-1/2", 50x2", 63x1-1/2", 63x2", 63x2-1/2", 75x2", 75x2-1/2", 75x3", 90x2", 90x2-1/2", 90x3, 90x4, 110x3", 110x4"
Elbow 90°	20, 25, 32, 40, 50, 63, 75, 90, 110
Tee	20, 25, 32, 40, 50, 63, 75, 90, 110
Male Tee	20x½", 20x¾", 25x½", 25x¾", 25x1", 32x½", 32x¾", 32x1", 40x1", 40x1¼", 50x1¼", 50x1½", 63x1½", 63x2", 75x2", 75x2½", 90x2½", 90x3", 110x4"
Reducing Tee	25x20x25, 32x20x32, 32x25x32, 40x25x40, 40x32x40, 50x25x50, 50x32x50, 50x40x50, 63x32x63, 63x40x63, 63x50x63, 75x50x75, 75x63x75, 90x63x90, 90x75x90, 110x90x110
Male Elbow	20x½", 20x¾", 25x½", 25x¾", 25x1", 32x½", 32x¾", 32x1", 40x1¼", 50x1¼", 50x1½", 63x1½", 63x2", 75x2½", 90x3", 110x4"
Clamp Saddle PN16	25x1/2", 25x3/4", 32x1/2", 32x3/4", 32x1", 40x1/2", 40x3/4", 40x1", 50x1/2", 50x3/4", 50x1", 50x1-1/4", 50x1-1/2", 63x1/2", 63x3/4", 63x1", 63x1-1/4", 63x1-1/2", 63x2", 75x1/2", 75x3/4", 75x1", 75x1-1/4", 75x1-1/2", 75x2", 90x1/2", 90x3/4", 90x1", 90x1-1/4", 90x1-1/2", 90x2", 90x2-1/2", 110x1/2", 110x3/4", 110x1", 110x1-1/4", 110x1-1/2", 110x2", 110x2-1/2", 110x3", 125x3/4", 125x1", 125x1-1/4", 125x1-1/2", 125x2", 125x3", 160x1/2", 160x3/4", 160x1", 160x1-1/2", 160x1-1/4", 160x2", 160x3", 160x4", 180x1/2", 180x3/4", 180x1", 180x1-1/2", 180x2", 180x3", 200x3/4", 200x1", 200x1-1/4", 200x2", 200x2-1/2", 200x3", 200x4", 225x1", 225x1-1/4", 225x1-1/2", 225x2", 225x2-1/2", 225x3", 250x2", 250x3", 250x4", 315x2", 315x3", 315x4", 315x6"
End Cap (threaded)	20x1/2", 25x1/2", 25x3/4", 32x3/4", 32x1", 40x1-1/4", 50x1-1/2", 63x2", 75x2-1/2", 90x3, 110x4

Sizes in mm pipe OD; where an inch value is shown it is the thread size.

CPVC ASTM D2846 Fittings

Product	Size (inch)
Coupling	½, ¾, 1, 1¼, 1½, 2
End Cap	½, ¾, 1, 1¼, 1½, 2
Male Adapter	½, ¾, 1, 1¼, 1½, 2, ¾x½, 2x1½
Female Adapter	½, ¾, 1, 1¼, 1½, 2
Reducing Bushing	¾x½, 1x½, 1x¾, 1¼x½, 1¼x¾, 1¼x1, 1½x½, 1½x¾, 1½x1, 1½x1¼, 2x½, 2x¾, 2x1, 2x1¼, 2x1½
Union	½, ¾, 1, 1¼, 1½, 2
Tank Coupling	½, ¾, 1, 1¼, 1½, 2
Reducing Coupling	¾x½, 1x½, 1x¾, 1¼x¾, 1¼x1, 1½x1, 1½x1¼, 2x1¼, 2x1½
90° Elbow	½, ¾, 1, 1¼, 1½, 2, ¾x½
45° Elbow	½, ¾, 1, 1¼, 1½, 2
Clip	½, ¾, 1, 1¼, 1½, 2
90° Ear Elbow	½
Tee	½, ¾, 1, 1¼, 1½, 2
Reducing Tee	¾x½x½, ¾x½x¾, ¾x¾x½, 1x1x½, 1x1x¾, 1¼x1¼x¾, 1¼x1¼x1, 1½x1½x1, 1½x1½x1¼, 2x2x1¼, 2x2x1½
Cross Tee	½, ¾, 1, 1¼, 1½, 2
Female Coupling (Copper Thread)	½, ¾, 1, ¾x½, 1¼, 1½, 2
Male Coupling (Copper Thread)	½, ¾, 1, 1¼, 1½, 2
90° Female Elbow (Copper Thread)	½x½, ¾x½, ¾x¾, 1x½
Male Elbow (Copper Thread)	½x½, ¾x½
Male Tee (Copper Thread)	½x½, ¾x½, 1x½
Female Tee (Copper Thread)	½x½x½, ¾x½x¾, 1x1x½

PPR Fittings

Product	Size (mm; S/T/L = socket/tee/elbow, F/M = female/male thread)
Coupling	20, 25, 32, 40, 50, 63, 75, 90, 110, 160
Plastic Union	20, 25, 32, 40, 50, 63
Plug	1/2, 3/4, 1"
Flange Set (PPR)	40, 50, 63, 75, 90, 110, 160
Long Elbow	20, 25, 32, 40
Short Bypass Bend	20, 25, 32
Steel Ball Valve	20, 25, 32, 40, 50, 63
45° Elbow	20, 25, 32, 40, 50, 63, 75, 90, 110, 160
Equal Tee	20, 25, 32, 40, 50, 63, 75, 90, 110, 160
Reducing Elbow	25x20, 32x20, 32x25, 40x20, 40x25, 40x32, 50x20, 50x25, 50x32, 50x40, 63x20, 63x25, 63x32, 63x40, 63x50
90° Elbow	20, 25, 32, 40, 50, 63, 75, 90, 110, 160
Reducing Tee	25x20x25, 32x20x32, 32x25x32, 40x20x40, 40x25x40, 40x32x40, 50x20x50, 50x25x50, 50x32x50, 50x40x50, 63x20x63, 63x25x63, 63x32x63, 63x40x63, 63x50x63, 75x20x75, 75x25x75, 75x32x75, 75x40x75, 75x50x75, 75x63x75, 90x20x90, 90x25x90, 90x32x90, 90x40x90, 90x50x90, 90x63x90, 90x75x90
Reducing Socket	S25x20, S32x20, S32x25, S40x20, S40x25, S40x32, S50x20, S50x25, S50x32, S50x40, S63x20, S63x25, S63x32, S63x40, S63x50, S75x20, S75x25, S75x32, S75x40, S75x50, S75x63, S90x20, S90x25, S90x32, S90x40, S90x50, S90x63, S90x75, S110x20, S110x25, S110x32, S110x40, S110x50, S110x63, S110x75, S110x90, S160x110
Female Coupling	S20x1/2F, S20x3/4F, S25x1/2F, S25x3/4F, S32x1/2F, S32x3/4F, S32x1"F, S40x1-1/4F, S50x1-1/2F, S63x2F, S75x21/2F, S90x3F, S110x4F
Male Coupling	S20x1/2M, S20x3/4M, S25x1/2M, S25x3/4M, S32x1/2M, S32x3/4M, S32x1M, S40x1-1/4M, S50x1-1/2M, S63x2M, S75x21/2M, S90x3M, S110x4M
Female Elbow	L20x1/2F, L20x3/4F, L25x1/2F, L25x3/4F, L32x1/2F, L32x3/4F, L32x1F, L40x1-1/4F, L50x1-1/2F, L63x2F
Male Elbow	L20x1/2M, L20x3/4M, L25x1/2M, L25x3/4M, L32x1/2M, L32x3/4M, L32x1M, L40x1-1/4M, L50x1-1/2M, L63x2M
Female Elbow with Pedestal	20x1/2F, 20x3/4F, 25x1/2F, 25x3/4F
Male Elbow with Pedestal	20x1/2M, 20x3/4M, 25x1/2M, 25x3/4M
Female Tee	T20x1/2F, T20x3/4F, T25x1/2F, T25x3/4F, T32x1/2F, T32x3/4F, T32x1F, T40x1-1/4F, T50x1-1/2, T63x2F
Male Tee	T20x1/2M, T20x3/4M, T25x1/2M, T25x3/4M, T32x1/2M, T32x3/4M, T32x1M, T40x1-1/4M, T50x1-1/2M, T63x2M
Heavy Stop Valve	20, 25, 32, 40, 50, 63, 75, 90
New Luxurious Stop Valve	20, 25, 32

S = socket, T = tee, L = elbow; F / M = female / male thread. Available colours: green, snow white, milk white, grey.