

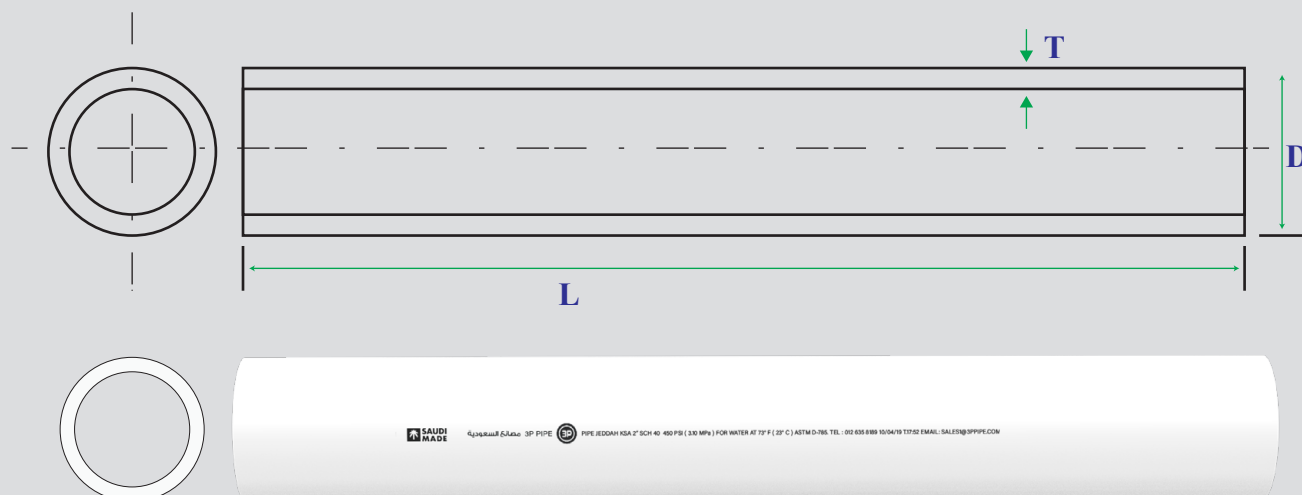


PIPE
مواسير
حلول هندسية®

PRODUCT TECHNICAL GUIDE الدليل الهندسي

PVC Schedule 40





PVC Pipe ASTM 1785 SCH40 - 6 M

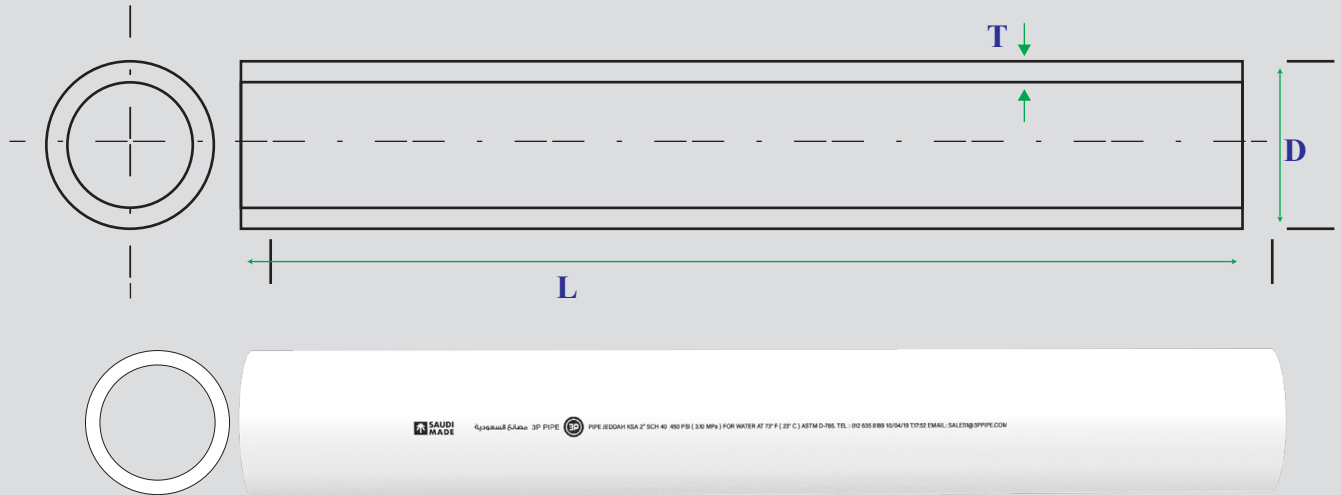
Nominal Size	Code	D:mm	T:mm	L:m
1/2	P1/2-40W6	21.34	2.77	6.00
3/4	P3/4-40W6	26.67	2.87	6.00
1	P1-40W6	33.40	3.38	6.00
1 1/4	P1 1/4-40W6	42.16	3.56	6.00
1 1/2	P1 1/2-40W6	48.26	3.68	6.00
2	P2-40W6	60.32	3.91	6.00
3	P3-40W6	88.90	5.49	6.00
4	P4-40W6	114.30	6.02	6.00
6	P6-40W6	168.28	7.11	6.00
8	P8-40W6	219.08	8.18	6.00

PVC Pipe ASTM 1785 SCH40 - 5.8 M

Nominal Size	Code	D:mm	T:mm	L:m
1/2	P1/2-40W5.8	21.34	2.77	5.80
3/4	P3/4-40W5.8	26.67	2.87	5.80
1	P1-40W5.8	33.40	3.38	5.80
1 1/4	P1 1/4-40W5.8	42.16	3.56	5.80
1 1/2	P1 1/2-40W5.8	48.26	3.68	5.80
2	P2-40W5.8	60.32	3.91	5.80
3	P3-40W5.8	88.90	5.49	5.80
4	P4-40W5.8	114.30	6.02	5.80
6	P6-40W5.8	168.28	7.11	5.80
8	P8-40W5.8	219.08	8.18	5.80

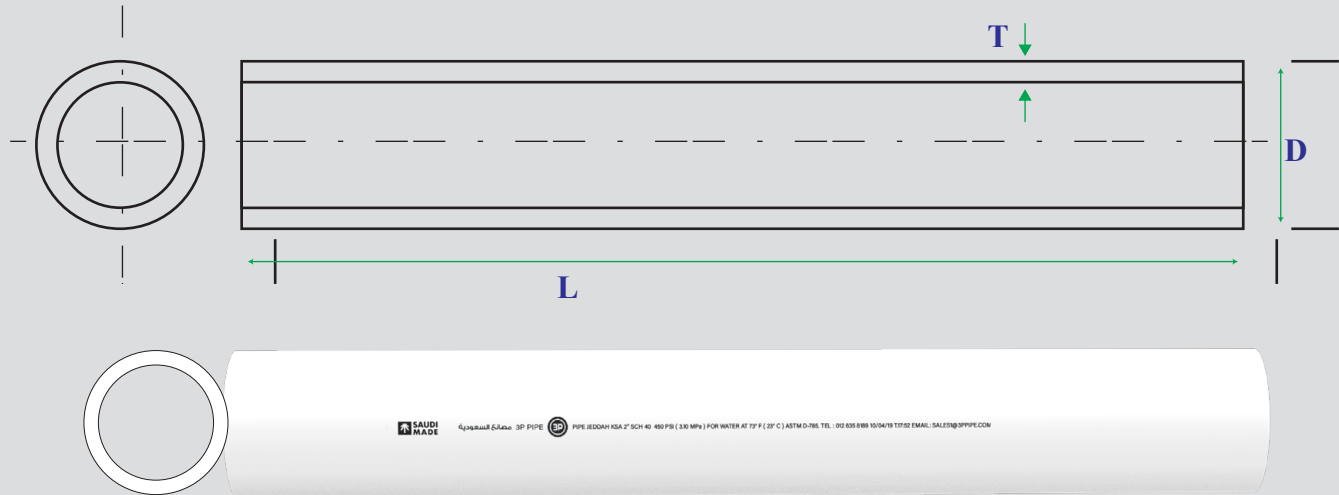
PVC Pipe ASTM 1785 SCH40 - 5.5 M

Nominal Size	Code	D:mm	T:mm	L:m
1/2	P1/2-40W5.5	21.34	2.77	5.50
3/4	P3/4-40W5.5	26.67	2.87	5.50
1	P1-40W5.5	33.40	3.38	5.50
1 1/4	P1 1/4-40W5.5	42.16	3.56	5.50
1 1/2	P1 1/2-40W5.5	48.26	3.68	5.50
2	P2-40W5.5	60.32	3.91	5.50
3	P3-40W5.5	88.90	5.49	5.50
4	P4-40W5.5	114.30	6.02	5.50
6	P6-40W5.5	168.28	7.11	5.50
8	P8-40W5.5	219.08	8.18	5.50



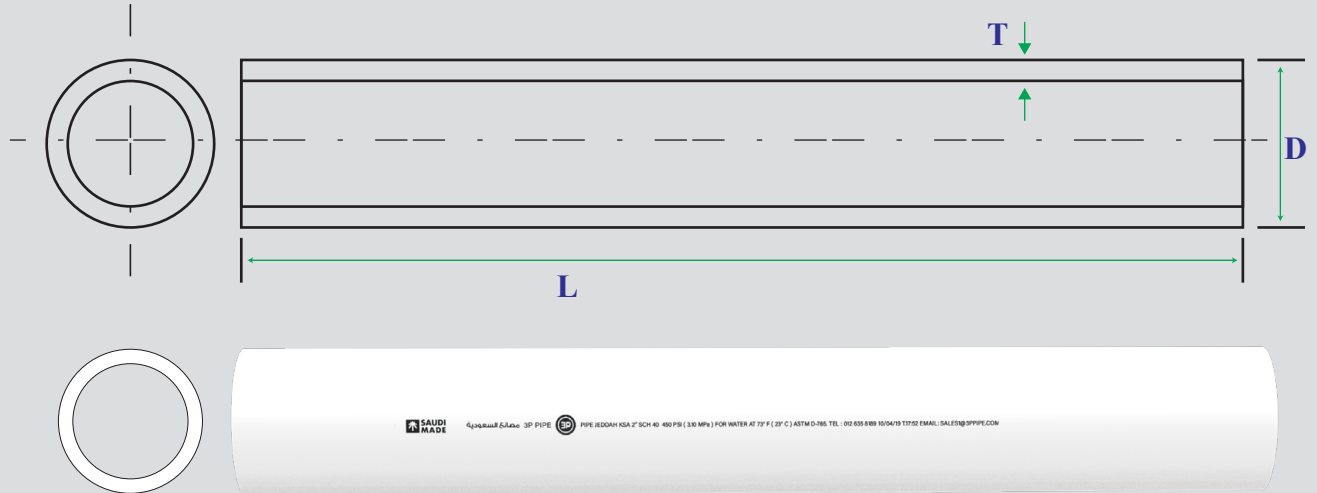
PVC PIPE ASTM 2241 - SDR 6 M

Nominal Size	Code	D:mm	T:mm	L:m
1/2"	P1/2-SDR2.1W6	21.34	2.10	6.00
3/4"	P3/4-SDR1.57W6	26.67	1.57	6.00
3/4"	P3/4-SDR1.98W6	26.67	1.98	6.00
1"	P1-SDR1.52W6	33.40	1.52	6.00
1"	P1-SDR2.46W6	33.40	2.46	6.00
1 1/4"	P1 1/4-SDR1.52W6	42.16	1.52	6.00
1 1/4"	P1 1/4-SDR2.49W6	42.16	2.49	6.00
1 1/2"	P1 1/2-SDR1.52W6	48.26	1.52	6.00
1 1/2"	P1 1/2-SDR2.5W6	48.26	2.5	6.00
2"	P2-SDR1.85W6	60.32	1.85	6.00
2"	P2-SDR2.4W6	60.32	2.4	6.00
2"	P2-SDR2.87W6	60.32	2.87	6.00
3"	P3-SDR2.2W6	88.90	2.2	6.00
3"	P3-SDR2.8W6	88.90	2.8	6.00
3"	P3-SDR3.5W6	88.90	3.5	6.00
4"	P4-SDR2.8W6	114.30	2.8	6.00
4"	P4-SDR3.2W6	114.30	3.2	6.00
4"	P4-SDR3.5W6	114.30	3.5	6.00
4"	P4-SDR4W6	114.30	4	6.00
4"	P4-SDR4.5W6	114.30	4.5	6.00
4"	P4-SDR5W6	114.30	5	6.00
6"	P6-SDR4.11W6	168.28	4.11	6.00
6"	P6-SDR4.5W6	168.28	4.5	6.00
6"	P6-SDR5.2W6	168.28	5.2	6.00
6"	P6-SDR6.5W6	168.28	6.5	6.00
6"	P6-SDR8.03W6	168.28	8.03	6.00
6"	P6-SDR9.91W6	168.28	9.91	6.00
8"	P8-SDR5.5W6	219.08	5.5	6.00
8"	P8-SDR7W6	219.08	7	6.00
8"	P8-SDR8.5W6	219.08	8.5	6.00



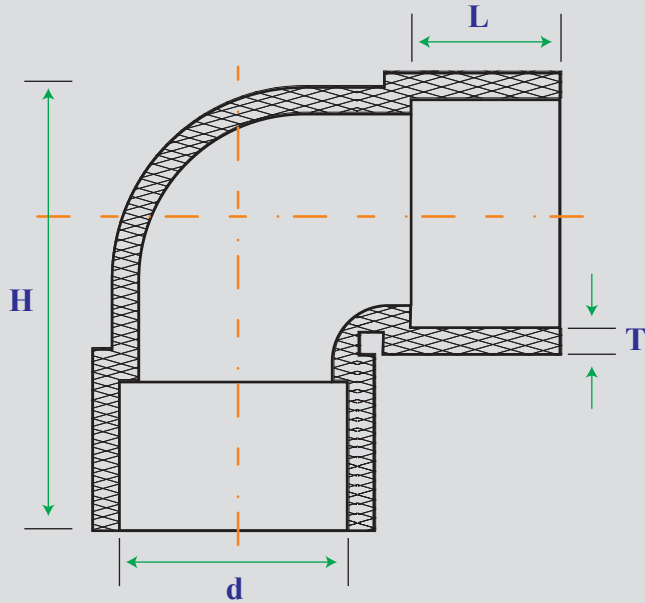
PVC PIPE ASTM 2241 - SDR 5.8 M

Nominal Size	Code	D:mm	T:mm	L:m
1/2"	P1/2-SDR2.1W5.8	21.34	2.10	5.80
3/4"	P3/4-SDR1.57W5.8	26.67	1.57	5.80
3/4'	P3/4-SDR1.98W5.8	26.67	1.98	5.80
1"	P1-SDR1.52W5.8	33.40	1.52	5.80
1"	P1-SDR2.46W5.8	33.40	2.46	5.80
1 1/4"	P1 1/4-SDR1.52W5.8	42.16	1.52	5.80
1 1/4"	P1 1/4-SDR2.49W5.8	42.16	2.49	5.80
1 1/2"	P1 1/2-SDR1.52W5.8	48.26	1.52	5.80
1 1/2"	P1 1/2-SDR2.5W5.8	48.26	2.5	5.80
2"	P2-SDR1.85W5.8	60.32	1.85	5.80
2"	P2-SDR2.4W5.8	60.32	2.4	5.80
2"	P2-SDR2.87W5.8	60.32	2.87	5.80
3"	P3-SDR2.2W5.8	88.90	2.2	5.80
3"	P3-SDR2.8W5.8	88.90	2.8	5.80
3"	P3-SDR3.5W5.8	88.90	3.5	5.80
4"	P4-SDR2.8W5.8	114.30	2.8	5.80
4"	P4-SDR3.2W5.8	114.30	3.2	5.80
4"	P4-SDR3.5W5.8	114.30	3.5	5.80
4"	P4-SDR4W5.8	114.30	4	5.80
4"	P4-SDR4.5W5.8	114.30	4.5	5.80
4"	P4-SDR5W5.8	114.30	5	5.80
6"	P6-SDR4.11W5.8	168.28	4.11	5.80
6"	P6-SDR4.5W5.8	168.28	4.5	5.80
6"	P6-SDR5.2W5.8	168.28	5.2	5.80
6"	P6-SDR6.5W5.8	168.28	6.5	5.80
6"	P6-SDR8.03W5.8	168.28	8.03	5.80
6"	P6-SDR9.91W5.8	168.28	9.91	5.80
8"	P8-SDR5.5W5.8	219.08	5.5	5.80
8"	P8-SDR7W5.8	219.08	7	5.80
8"	P8-SDR8.5W5.8	219.08	8.5	5.80



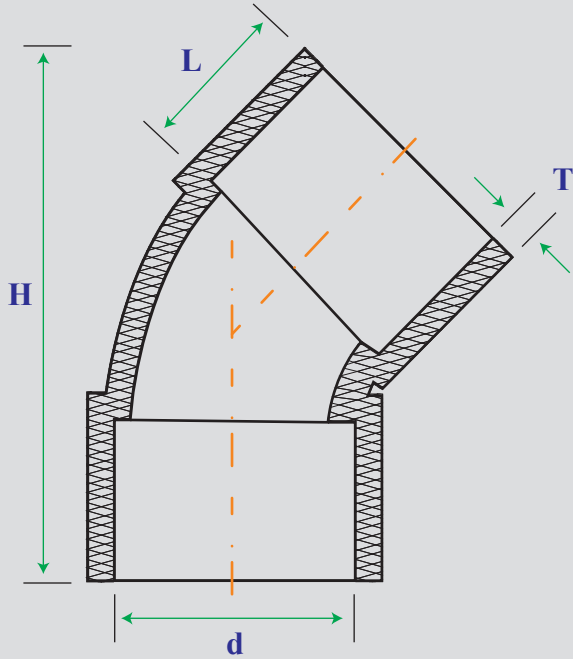
PVC PIPE ASTM 2241 - SDR 5.5 M

Nominal Size	Code	D:mm	T:mm	L:m
1/2"	P1/2-SDR2.1W5.5	21.34	2.10	5.50
3/4"	P3/4-SDR1.57W5.5	26.67	1.57	5.50
3/4"	P3/4-SDR1.98W5.5	26.67	1.98	5.50
1"	P1-SDR1.52W5.5	33.40	1.52	5.50
1"	P1-SDR2.46W5.5	33.40	2.46	5.50
1 1/4"	P1 1/4-SDR1.52W5.5	42.16	1.52	5.50
1 1/4"	P1 1/4-SDR2.49W5.5	42.16	2.49	5.50
1 1/2"	P1 1/2-SDR1.52W5.5	48.26	1.52	5.50
1 1/2"	P1 1/2-SDR2.5W5.5	48.26	2.5	5.50
2"	P2-SDR1.85W5.5	60.32	1.85	5.50
2"	P2-SDR2.4W5.5	60.32	2.4	5.50
2"	P2-SDR2.87W5.5	60.32	2.87	5.50
3"	P3-SDR2.2W5.5	88.90	2.2	5.50
3"	P3-SDR2.8W5.5	88.90	2.8	5.50
3"	P3-SDR3.5W5.5	88.90	3.5	5.50
4"	P4-SDR2.8W5.5	114.30	2.8	5.50
4"	P4-SDR3.2W5.5	114.30	3.2	5.50
4"	P4-SDR3.5W5.5	114.30	3.5	5.50
4"	P4-SDR4W5.5	114.30	4	5.50
4"	P4-SDR4.5W5.5	114.30	4.5	5.50
4"	P4-SDR5W5.5	114.30	5	5.50
6"	P6-SDR4.11W5.5	168.28	4.11	5.50
6"	P6-SDR4.5W5.5	168.28	4.5	5.50
6"	P6-SDR5.2W5.5	168.28	5.2	5.50
6"	P6-SDR6.5W5.5	168.28	6.5	5.50
6"	P6-SDR8.03W5.5	168.28	8.03	5.50
6"	P6-SDR9.91W5.5	168.28	9.91	5.50
8"	P8-SDR5.5W5.5	219.08	5.5	5.50
8"	P8-SDR7W5.5	219.08	7	5.50
8"	P8-SDR8.5W5.5	219.08	8.5	5.50



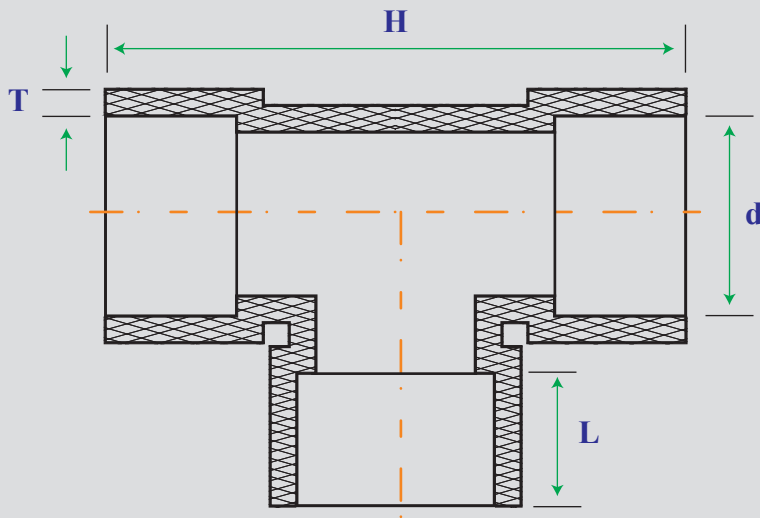
ELBOW 90° SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3/4"	E40903/4W	26.87	40.1	2.87	18.26
1"	E40901W	33.66	45.5	3.38	22.22
1 1/2"	E409011/2W	48.56	59.5	3.68	27.78
2"	E40902W	60.63	66.5	3.91	29.36
3"	E40903W	89.41	144	5.56	38.10
4"	E40904W	114.81	109	6.35	44.45
6"	E40906W	168.83	168.20	7.14	76.60
8"	E40908W	219.84	334	8.33	101.60



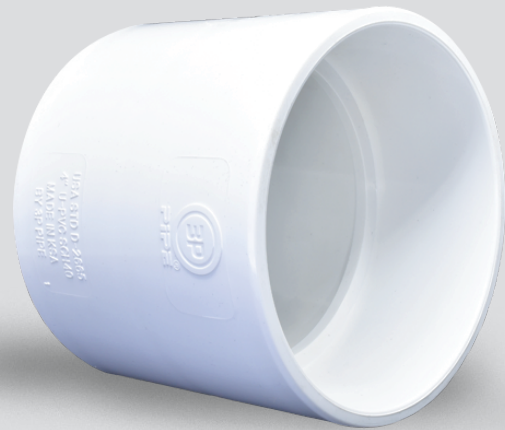
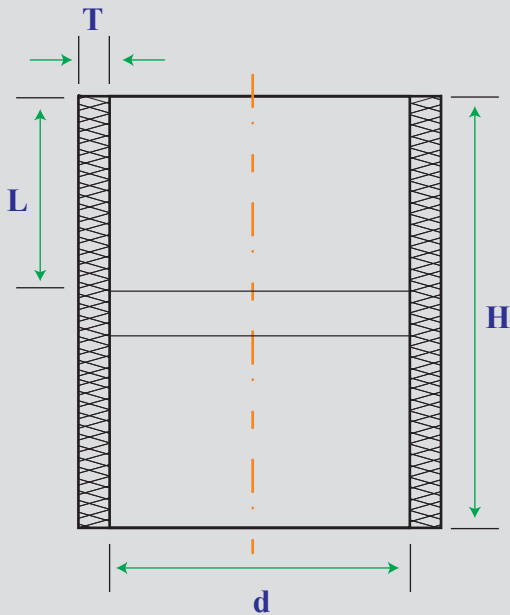
ELBOW 45° SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3/4"	E40453/4W	26.87	32.7	2.87	18.26
1"	E4045-1W	33.66	36.5	3.38	22.22
1 1/2"	E40451.1/2W	48.56	43	3.68	27.78
2"	E40452W	60.63	46	3.91	29.36
3"	E40453W	89.41	144	5.56	38.10
4"	E40454W	114.81	190	6.35	44.45
6"	E40456W	168.83	290	7.14	76.60
8"	E40458W	219.84	330	8.33	101.60



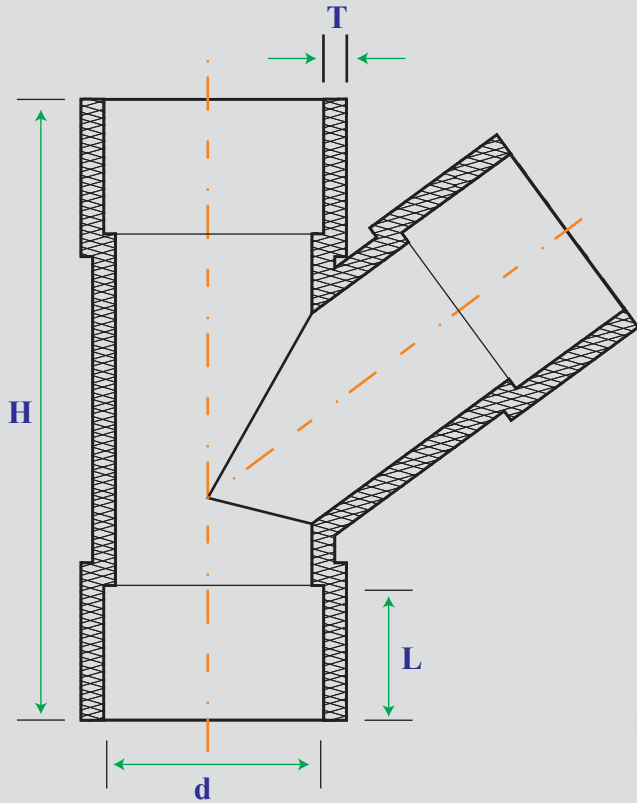
TEE 90° SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3/4"	T40903/4W	26.87	80.2	2.87	18.26
1"	T40901W	33.66	93.5	3.38	22.22
1 1/2"	T40901.1/2W	48.56	121	3.68	27.78
2"	T40902W	60.63	134	3.91	29.36
3"	T40903	89.41	189	5.56	38.10
4"	T40904W	114.81	219	6.35	44.45
6"	T40906W	168.83	336.5	7.14	76.60
8"	T40908W	219.84	420.8	8.33	101.60



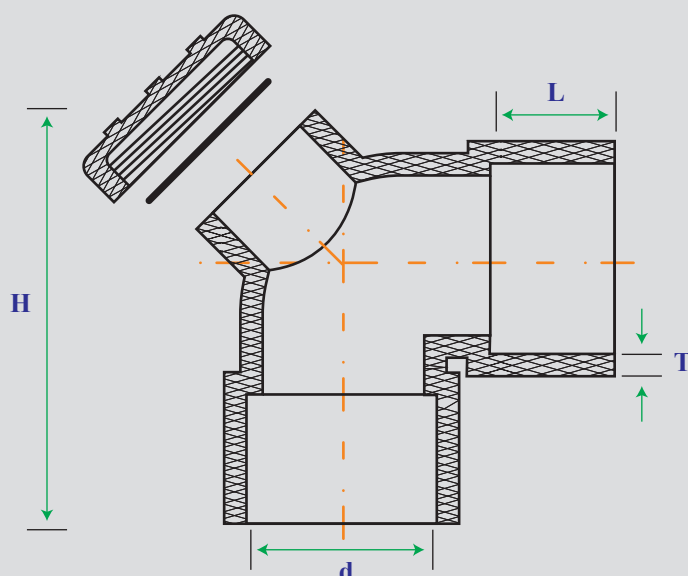
COUPLING SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3/4"	C403/4	26.87	53.9	2.87	18.26
1"	C401	33.66	59.8	3.38	22.22
1 1/2"	C4011/2	48.56	71	3.68	27.78
2"	C402W	60.63	80.2	3.91	29.36
3"	C403W	89.41	100	5.56	38.10
4"	C404W	114.81	107.4	6.35	44.45
6"	C406W	168.83	157.4	7.14	76.60
8"	C408W	219.84	210	8.33	101.60



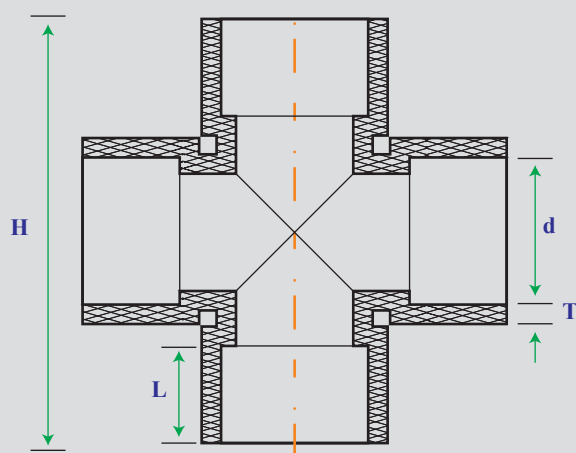
WYE SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
1 1/2"	Y4011/2W	48.56	132	3.68	27.78
2"	Y402W	60.63	157.75	3.91	29.36
3"	Y403W	89.41	220.6	5.56	38.10
4"	Y404W	114.81	310	6.35	44.45
6"	Y406W	168.83	409.5	7.14	76.60
8"	Y408W	219.84	523.7	8.33	101.60



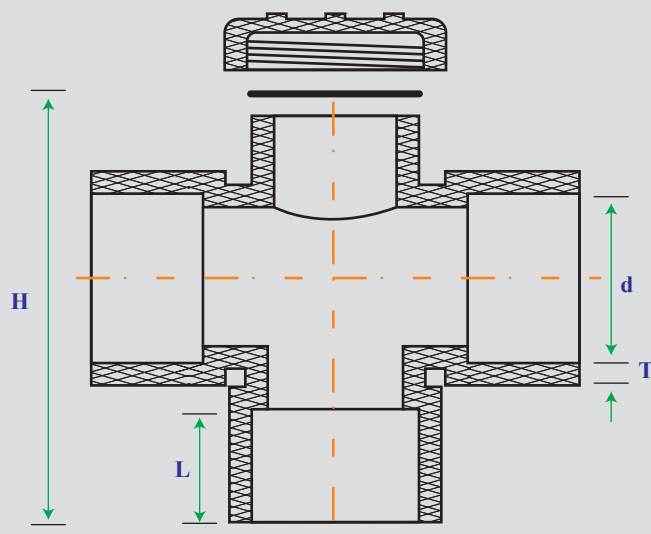
ELBOW 90° WITH DOOR SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3"	ED40903W	89.41	145	4.75	47.65
4"	ED40904W	114.81	109.5	6.35	44.45



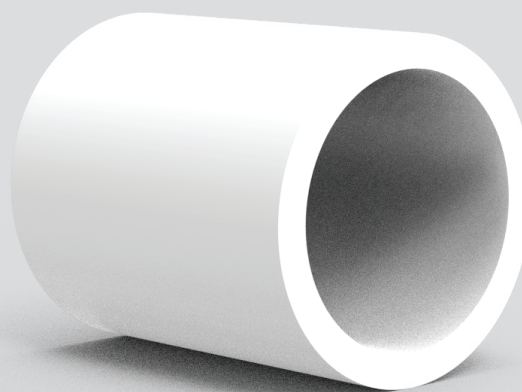
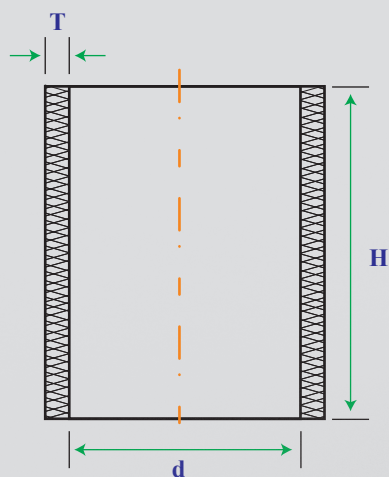
TEE CROSS SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
4"	TC404W	114.81	109.5	6.35	44.45



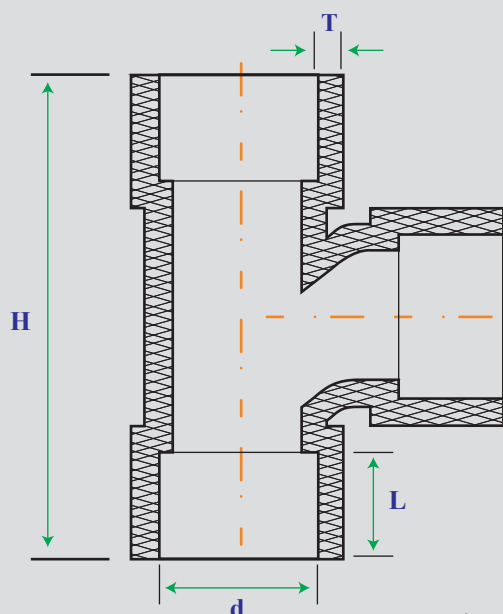
TEE CROSS WITH DOOR SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
4"	TD404W	114.81	222	6.35	44.45



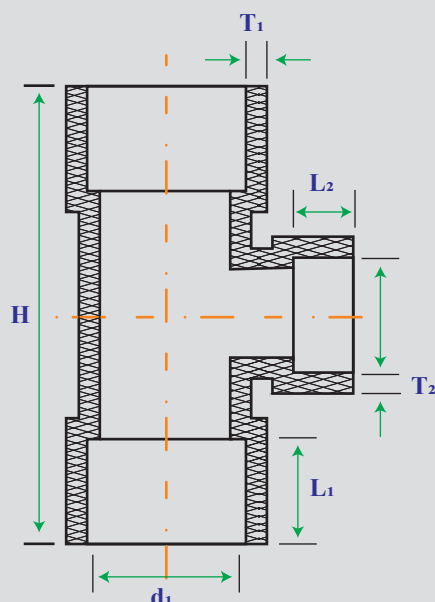
REPAIR COUPLING SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm
4"	CR404W	114.81	107.4	6.35



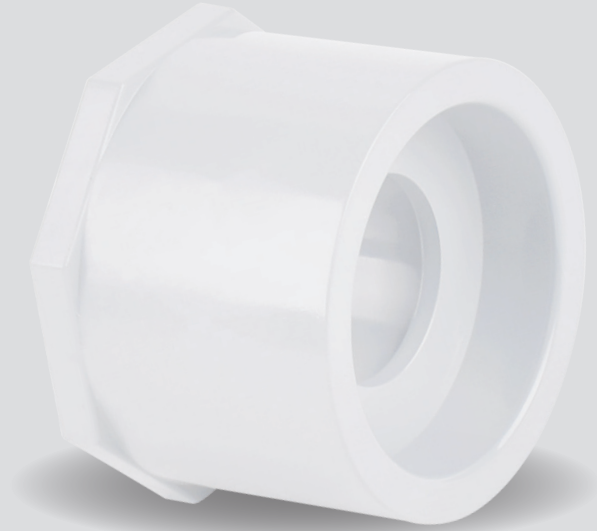
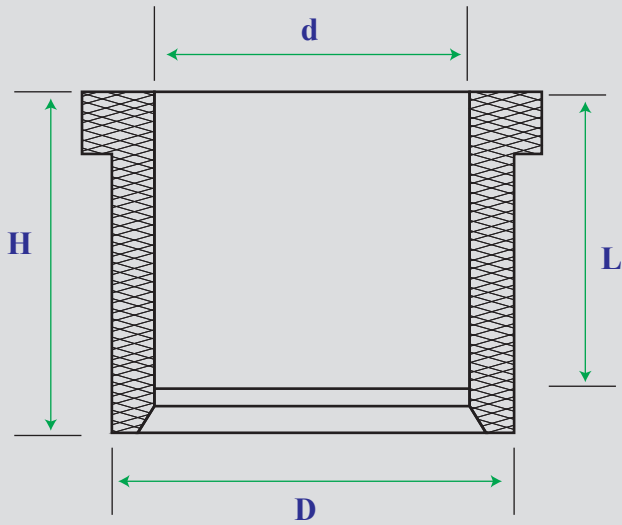
TEE SANITARY SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
4"	TS404W	114.81	222	6.35	44.45



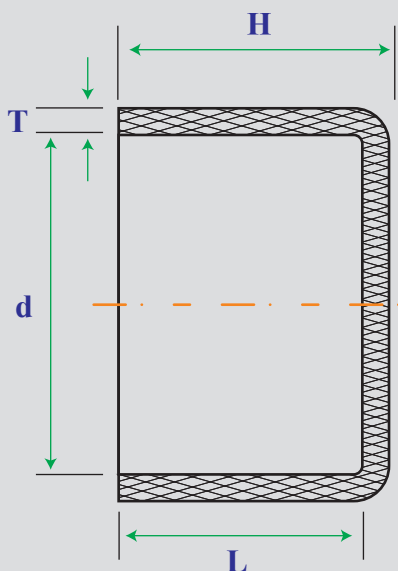
TEE REDUCER SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter mm	Fitting Height H: mm	Fitting Wall Thickness mm	Fitting Socket Length mm
6" x 4"	TR40906x4W	d1: 114.81	222	T1: 6.35	L1: 44.45
		d2: 168.83	222	T2: 7.14	L2: 76.20



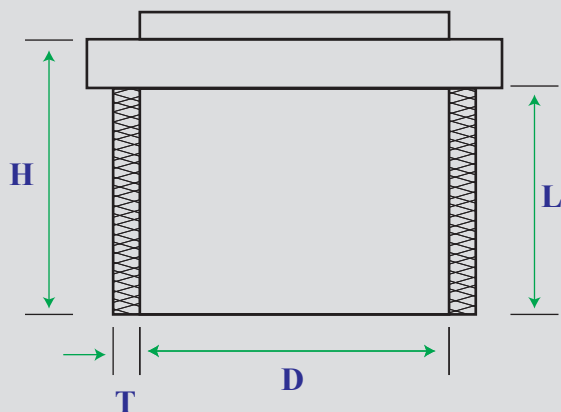
REDUCER BUSHING SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3" x 2"	RB403x2W	89.41	60.63	29.60	50.04
4" x 2"	RB404x2W	168.82	114.83	76.2	44.45
4" x 3"	RB404x3W	114.76	89.41	52.70	47.53
6" x 4"	RB406x4W	168.82	114.83	76.2	44.45



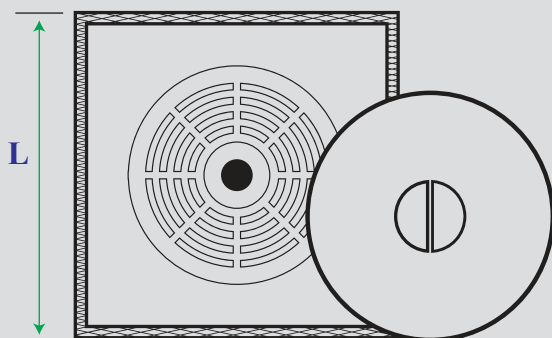
END CAP SCH 40 ASTM D-2466 & D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
1"	ED404W	33.66	30	3.50	22.55
1 1/2"	ED404W	48.56	35	3.85	28.27
2"	ED404W	60.63	40.15	3.84	30.45
3"	ED404W	89.41	60	4.85	48.11
4"	ED404W	114.76	80	6.02	61.00
6"	ED404W	168.83	90	6.20	76.92



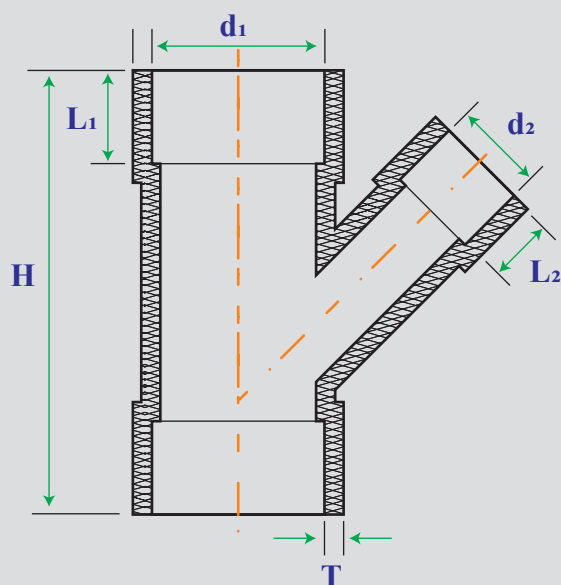
END CAP ACCESS DOOR SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
3"	ECD404W	89.41	85	4.70	50.47
4"	ECD404W	114.76	107.4	6.35	107.4
6"	ECD404W	168.82	125	6.45	79.49



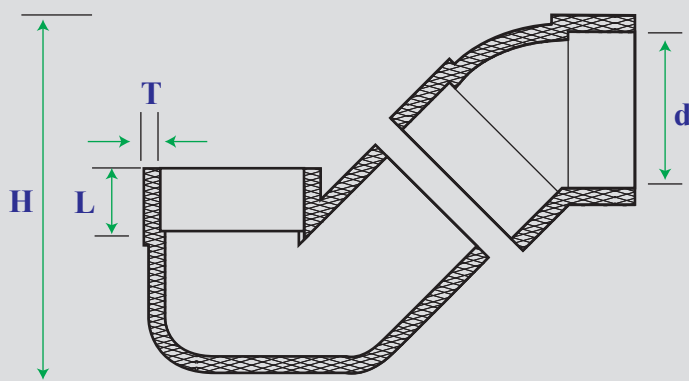
FLOOR DRAIN TRAP

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
15 x 15	FDT15W	114.76	15	15	127.53
20 x 20	FDT20W	114.76	20	20	127.53



WYE REDUCER SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
4" x 2"	WR404x2W	114.76	60.63	44.45	29.36
6" x 4"	WR406x4W	168.82	114.83	76.2	44.45



P-TRAP SCH 40 ASTM D-2665

Nominal Fitting Size	3P PIPE CODE	Fitting Inner Diameter d: mm	Fitting Height H: mm	Fitting Wall Thickness T: mm	Fitting Socket Length L: mm
4"	PT404W	114.81	44.45	6.35	114.81