

THE SYSTEM

Supreme Lifeline® C-PVC, manufactured using world's best Japanese material and technology, is an ideal solution for hot and cold water usage. This system is one of the best substitutes for GI piping in water supply and distribution and for industrial applications. The pipes and fittings are made of chlorinated polyvinyl chloride and available in complete range from 15 to 50mm dia (½" to 2") as per copper tube sizes (CTS). The pipes are available in SDR 11 and SDR 13.5 whereas fittings are available in SDR 11 class. Pipes and most running fittings in SDR 9 i.e., heavy pressure class in 20 and 25mm dia (¾" and 1") are also available. Pipes and fittings in CTS are manufactured according to IS:15778 and ASTM D-2846 respectively. Threaded inserts in the transition fittings are made from brass to withstand chemical corrosion at elevated temperatures.

The choice of the raw material, the structural accuracy and the strict quality control imparts a high degree of reliability to Supreme Lifeline® C-PVC. Lifeline® is the most suitable, easy and economic solution for transportation and distribution of potable water. It is technically much superior, cost effective and offers many advantages over GI and other conventional systems.

Fields of application

Lifeline® C-PVC is designed for hot and cold water supply in residential, commercial and public projects, high and low rise buildings, corporate houses and academic institutes, solar heater applications etc. It is suitable for all uptake and down take lines, terrace looping and concealed pipe work applications.



PIPES

Pipe dimensions and pressure rating chart as per IS:15778 (CTS series)

Nominal size		Outer diameter (mm)		SDR - 9 (company standard)			SDR - 11			SDR - 13.5		
				MRP	Working pressure at		MRP	Working pressure at		MRP	Working pressure at	
mm	inch	Min	Max	Per Mtr	23°C	82°C	Per Mtr	27°C	82°C	Per Mtr	27°C	82°C
						Kgf/cm ²			Kgf/cm ²			Kgf/cm ²
15	½	15.8	16.0	-	-	-	115.00	28.14	6.93	100.00	22.23	5.60
20	¾	22.1	22.3	192.00	35.20	8.80	173.00	28.14	6.93	160.00	22.23	5.60
25	1	28.5	28.7	308.00	34.20	8.80	262.00	28.14	6.93	222.00	22.23	5.60
32	1¼	34.8	35.0	-	-	-	400.00	28.14	6.93	325.00	22.23	5.60
40	1½	41.2	41.4	-	-	-	542.00	28.14	6.93	454.00	22.23	5.60
50	2	53.9	54.1	-	-	-	908.00	28.14	6.93	744.00	22.23	5.60

Note: When connected to gas water heater, C-PVC should not be located within 50cm of the flue. For water heaters lacking reliable temperature control, this distance may be increased up to 1m. A metal nipple or flexible appliance connector should be utilized.

FEATURES AND BENEFITS

High quality and wide range - The system consists of pipes and a wide range of fittings with company manufactured, NSF approved international quality solvent cements, which makes the system complete in all respect.

Excellent resistance to corrosion and chemical attacks - Lifeline® is completely free from corrosion and offers excellent resistance to great number of chemicals like strong mineral acids and bases.

Most suitable for carrying potable water - Being free from corrosion and negative biological effects it does not break down even under the harshest water conditions and hence the quality of water never deteriorates.

Light weight, easy and quick assembly - Light weight and simple solvent cement jointing methods results in extensive saving on time, labour and costs.

Tough and rigid material - C-PVC has a much higher strength modulus than other thermoplastics used in plumbing applications. Due to its tough and rigid material properties, Lifeline® can withstand higher pressure and temperatures. It requires lesser number of supports with minimum offsets or looping.

Leak proof joints - Jointing with special solvent cement manufactured and supplied by the company ensures 100% leak proof joints.

Low thermal expansion - As the co-efficient of thermal expansion is low, expansion due to temperature variations is reduced and hence unsightly snaking of pipes can be avoided.

Superior insulation properties - Lifeline® has better insulation properties than metal pipes which reduces heat loss and consequent insulation costs.

Fire resistance - Lifeline® C-PVC does not support combustion.

Maintenance free - Being free from rusting, pitting or scaling and galvanic or electrolytic corrosion, maintenance is minimal.

Highly economical in long run - This system is more cost effective than any other plumbing system in the long run.

FITTINGS

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP
MC1P9CPL002E	20	¾	9	600	30.40
MC1P9CPL003I	25	1	9	300	49.90
MC1P1CPL001I	15	½	11	150	14.60
MC1P1CPL002I	20	¾	11	600	20.60
MC1P1CPL003I	25	1	11	300	34.60
MC1P1CPL004I	32	1¼	11	80	65.00
MC1P1CPL005I	40	1½	11	55	118.90
MC1P1CPL006I	50	2	11	20	250.80



Coupler

MC1P9ELB002I	20	¾	9	400	39.50
MC1P9ELB003I	25	1	9	200	74.30
MC1P1ELB001I	15	½	11	400	18.60
MC1P1ELB002I	20	¾	11	400	25.40
MC1P1ELBW02I	20	¾	11	400	25.40
(w/o rib)					
MC1P1ELB003I	25	1	11	200	50.40
MC1P1ELB004I	32	1¼	11	40	105.50
MC1P1ELB005I	40	1½	11	25	198.90
MC1P1ELBW05I	40	1½	11	75	229.50
(w/o rib)					
MC1P1ELB006I	50	2	11	15	416.40



Elbow 90°

MC1P1BDF001I	15	½	11	330	22.60
MC1P1BDF002I	20	¾	11	225	36.00
MC1P1BDF003I	25	1	11	100	62.40
MC1P1BDF004I	32	1¼	11	60	130.30
MC1P1BDF005I	40	1½	11	30	203.40
MC1P1BDF006I	50	2	11	15	421.30



Elbow 45°

MC1P1REL2X1I	20x15	¾x½	11	200	33.30
MC1P1REL3X1I	25x15	1x½	11	150	50.60
MC1P1REL3X2I	25x20	1x¾	11	100	67.60
MC1P1REL4X2I	32x20	1¼x¾	11	70	102.40
MC1P1REL5X2I	40x20	1½x¾	11	50	138.90
MC1P1REL5X3I	40x25	1½x1	11	50	145.40
FCP0REL002EW	32x25	1¼x1 (F)	11	100	152.40
FCP0REL003EW	40x32	1½x1¼ (F)	11	20	270.40
FCP0REL006EW	50x25	2x1 (F)	11	35	615.50
FCP0REL001EW	50x32	2x1¼ (F)	11	35	646.90
FCP0REL004EW	50x40	2x1½ (F)	11	35	615.50



Reducing Elbow

MC1P1TWE002I	20	¾	11	100	38.30
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Three Way Elbow

MC1P9TEE002I	20	¾	9	300	55.00
MC1P9TEE003I	25	1	9	120	92.50
MC1P1TEE001I	15	½	11	300	25.40
MC1P1TEE002I	20	¾	11	300	41.50
MC1P1TEEW02I	20	¾	11	300	41.50
(w/o rib)					
MC1P1TEE003I	25	1	11	150	65.30
MC1P1TEE004I	32	1¼	11	30	134.80
MC1P1TEE005I	40	1½	11	50	245.20
MC1P1TEE006I	50	2	11	10	523.30



Equal Tee

MC1P1RET2X1I	20x15	¾x½	11	60	62.60
MC1P1RET3X1I	25x15	1x½	11	60	98.30
MC1P1RET3X2I	25x20	1x¾	11	60	87.60
MC1P1RET4X2I	32x20	1¼x¾	11	40	182.30
MC1P1RET4X3I	32x25	1¼x1	11	40	171.70
MC1P1RET5X2I	40x20	1½x¾	11	35	273.90
MC1P1RET5X3I	40x25	1½x1	11	25	277.90
MC1P1RET5X4I	40x32	1½x1¼	11	25	271.80



Reducing Tee

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP
MC1P1RET6X1I	50x15	2x½	11	15	558.00
MC1P1RET6X2I	50x20	2x¾	11	15	549.50
MC1P1RET6X3I	50x25	2x1	11	15	526.40
MC1P1RET6X4I	50x32	2x1¼	11	12	456.60
MC1P1RET6X5I	50x40	2x1½	11	12	465.00
FCP0RET020EW	32x15 (F)	1¼x½	11	100	243.40
FCP0RET025EW	40x15 (F)	1½x½	11	70	271.80



Reducing Tee

MC1P1CRT001I	15	½	11	50	38.40
MC1P1CRT002I	20	¾	11	100	81.00
MC1P1CRT003I	25	1	11	120	152.40
MC1P1CRT004I	32	1¼	11	60	257.00



Cross Tee

NC1P1UNI001I	15	½	11	30	95.60
NC1P1UNC002I	20 (Compact)	¾	11	50	98.90
NC1P1UNN002I	20 (new)	¾	11	80	130.00
NC1P1UNI003I	25	1	11	60	177.40
NC1P1UNI004I	32	1¼	11	30	239.30
NC1P1UNI005I	40	1½	11	20	399.80
NC1P1UNI006I	50	2	11	10	701.80



Union

NC1P1UNT002I	20	¾	11	80	170.40
NC1P1UNT003I	25	1	11	50	173.90
NC1P1UNT004I	32	1¼	11	30	330.40



Union (Threaded)

MC1P9RED3X2I	25x20	1x¾	9	120	52.40
MC1P1RED2X1I	20x15	¾x½	11	300	26.80
MC1P1RED3X1I	25x15	1x½	11	200	38.40
MC1P1RED3X2I	25x20	1x¾	11	120	43.90
MC1P1RED4X1I	32x15	1¼x½	11	40	81.00
MC1P1RED4X2I	32x20	1¼x¾	11	120	84.00
MC1P1RED4X3I	32x25	1¼x1	11	100	97.30
MC1P1RED5X2I	40x20	1½x¾	11	70	143.70
MC1P1RED5X3I	40x25	1½x1	11	80	156.90
MC1P1RED5X4I	40x32	1½x1¼	11	50	137.00
MC1P1RED6X3I	50x25	2x1	11	40	300.50
MC1P1RED6X4I	50x32	2x1¼	11	35	311.40
MC1P1RED6X5I	50x40	2x1½	11	30	315.30
FCP0RED002EW	50x20	2x¾ (F)	11	50	331.00



Reducer

MC1P1ECP001I	15	½	11	600	11.00
MC1P1ECP002I	20	¾	11	400	18.40
MC1P1ECP003I	25	1	11	240	27.60
MC1P1ECP004I	32	1¼	11	150	57.40
MC1P1ECP005I	40	1½	11	90	85.30
MC1P1ECP006I	50	2	11	30	181.50

















End Cap

MC1P1REB2X1I	20x15	¾x½	11	800	14.60
MC1P1REB3X1I	25x15	1x½	11	300	32.00
MC1P1REB3X2I	25x20	1x¾	11	350	27.30
MC1P1REB4X1I	32x15	1¼x½	11	45	50.60
MC1P1REB4X2I	32x20	1¼x¾	11	150	45.40
MC1P1REB4X3I	32x25	1¼x1	11	150	37.50
MC1P1REB5X1I	40x15	1½x½	11	30	81.00
MC1P1REB5X2I	40x20	1½x¾	11	100	72.00
MC1P1REB5X3I	40x25	1½x1	11	100	70.40
MC1P1REB5X4I	40x32	1½x1¼	11	100	49.30
	50x15	2x½	11	-	146.00
MC1P1REB6X2I	50x20	2x¾	11	20	142.30
MC1P1REB6X3I	50x25	2x1	11	50	143.60
MC1P1REB6X4I	50x32	2x1¼	11	50	149.00
MC1P1REB6X5I	50x40	2x1½	11	50	127.60



Reducing Bush

Pipes and fitting offered upto 50mm (2") are as per CTS standards. SDR-Standard dimension ratio (Pressure class).

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP		Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP		
MC1P81RB001I	15x15	½x½	11	300	12.50	 Transition Bush	MC2P9FTA3X1I	25x15	1x½	9	150	143.50	 FTA (Brass)	
MC1P81RB002I	20x20	¾x¾	11	400	17.40		MC2P1FTA001I	15	½	11	50	190.80		
MC1P81RB003I	25x25	1x1	11	100	32.10		MC2P1FTA002I	20	¾	11	50	268.30		
MC1P81RB004I	32x32	1¼x1¼	11	40	61.80		MC2P1FTA003I	25	1	11	30	428.10		
MC1P81RB005I	40x40	1½x1½	11	30	78.40		MC2P1FTA004I	32	1¼	11	12	882.90		
MC1P81RB006I	50x50	2x2	11	20	122.40		MC2P1FTA005I	40	1½	11	10	999.80		
MC1P1MTA001I	15	½	11	500	17.30	 MTA (Plastic)	MC2P1FTA006I	50	2	11	6	1878.40	 MTA (Brass)	
MC1P1MTA002I	20	¾	11	600	29.90		MC2P1FTA2X1I	20x15	¾x½	11	160	107.30		
MC1P1MTA003I	25	1	11	120	45.30		MC2P1FTA3X1I	25x15	1x½	11	100	138.30		
MC1P1MTA004I	32	1¼	11	60	72.00		MC2P1FTA3X2I	25x20	1x¾	11	100	164.00		
MC1P1MTA005I	40	1½	11	50	109.50		MC2P1MTA001I	15	½	11	50	197.50		
MC1P1MTA006I	50	2	11	30	214.40		MC2P1MTA002I	20	¾	11	50	264.10		
MC1P1RMT2X1I	20x15	¾x½	11	300	37.50	 FTA (Plastic)	MC2P1MTA003I	25	1	11	30	420.10	 RMTA (Brass)	
MC1P1RMT3X2I	25x20	1x¾	11	200	40.00		MC2P1MTA004I	32	1¼	11	12	862.40		
MC1P1RMT4X3I	32x25	1¼x1	11	100	81.00		MC2P1MTA005I	40	1½	11	10	1085.60		
MC1P1FTA001I	15	½	11	300	24.10		MC2P1MTA006I	50	2	11	6	2073.00		
MC1P1FTA002I	20	¾	11	200	40.10		MC2P1MTA2X1I	20x15	¾x½	11	150	169.80		
MC1P1FTA003I	25	1	11	120	57.80		MC2P1MTA3X1I	25x15	1x½	11	40	303.40		
MC1P1FTA004I	32	1¼	11	60	146.80	MC2P1MTA3X2I	25x20	1x¾	11	30	352.30			
MC1P1FTA005I	40	1½	11	40	194.30	 Single Y	MC1P1WYE004I	32	1¼	11	30	250.30		
MC1P1FTA006I	50	2	11	20	305.60		 Female Threaded Elbow (Brass)	NC1P1BLV002I	20	¾	11	40	-	
MC1P1RFT2X1I	20x15	¾x½	11	300	39.60			NC1P1BL1101I	15	½	11	125	138.80	
MC1P1RFT4X3I	32x25	1¼x1	11	100	87.30			NC1P1BVLTO2I	20	¾	11	60	262.00	
MC2P9FTE2X1I	20x15	¾x½	9	240	129.90			NC1P1BVLTO3I	25	1	11	32	422.80	
MC2P9FTE3X1I	25x15	1x½	9	100	181.00			NC1P1BVLTO4I	32	1¼	11	12	799.60	
MC2P1FTE001I	15	½	11	160	84.60	NC1P1BVLTO5I		40	1½	11	14	1144.80		
MC2P1FTE2X2I	20	¾	11	100	133.30	NC1P1BVLTO6I	50	2	11	2	2198.00			
MC2P1FTE003I	25	1	11	50	340.50	 Male Threaded Elbow (Brass)	NC1P1BVUN03I	25	1	11	11	669.80		
MC2P1FTE004I	32	1¼	11	15	575.80		NC1P1UBVP04I	32	1¼	11	16	1274.50		
MC2P1FTE2X1I	20x15	¾x½	11	300	91.30		 Union Ball Valve (Plain)	NC1P1BVUN04I	32	1¼	11	16	1274.50	
MC2P1FEW2X1I (w/o rib)	20x15	¾x½	11	300	91.30			NC1P1UBVT04I	32	1¼	11	16	1246.60	
MC2P1FTE3X1I	25x15	1x½	11	100	166.00			 Union Ball Valve (Threaded)	NC2P1CVF002I	20	¾	11	9	1460.50
MC2P1FTE3X2I	25x20	1x¾	11	80	208.60				 Concealed Valve (Full Turn Long)					
MC2P1FTE4X1I	40x15	1¼x½	11	75	156.50									
MC2P1MTE2X1I	20x15	¾x½	11	120	157.00									
MC2P9RTE3X1I	25x15	1x½	9	100	201.40									
MC2P1FTE002I	20	¾	11	60	164.00									
MC2P1FTE004I	32	1¼	11	30	597.40									
MC2P1FTE2X1I	20x15	¾x½	11	240	110.60	 Female Threaded Tee (Brass)								
MC2P1FTE3X1I	25x15	1x½	11	60	181.10									
MC2P1FTE3X2I	25x20	1x¾	11	60	296.60									
MC2P1FTE4X1I	32x15	1¼x½	11	50	235.60									
MC2P1FTE003I	25	1	11	20	324.60									
MC2P1FTE004I	32	1¼	11	30	597.40									
MC2P1FTE2X1I	20x15	¾x½	11	240	110.60	 Male Threaded Tee (Brass)								
MC2P1FTE3X1I	25x15	1x½	11	60	181.10									
MC2P1FTE3X2I	25x20	1x¾	11	60	296.60									
MC2P1FTE4X1I	32x15	1¼x½	11	50	235.60									
MC2P1FTE002I	20	¾	11	60	164.00									
MC2P1FTE004I	32	1¼	11	30	597.40									















Pipes and fitting offered upto 50mm (2") are as per CTS standards. F-Fabricated, SDR-Standard dimension ratio (Pressure class).

*Marked product will be shortly introduced

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP		Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP		
NC2P1CVQAB2I	20	¾	11	9	1364.90		MC1P1ELH1X1I	15	½		100	8.10		
							MC1P1ELH2X1I	20x15	¾x½		200	13.50		
NC2P1CVQAH2I	20	¾	11	9	1364.90			MC1P1PCL001I	15	½		800	4.90	
							MC1P1PCL002I	20	¾		600	7.00		
							MC1P1PCL003I	25	1		600	9.30		
							MC1P1PCL004I	32	1¼		300	13.40		
							MC1P1PCL005I	40	1½		200	18.60		
NC2P1CVQDN1I	15	½	11	9	1219.40		MC1P1PCL006I	50	2		160	22.60		
NC2P1CVQDN2I	20	¾	11	9	1364.90			MC1P1PCN001I	15	½		800		-
NC2P1CVQDN3I	25	1	11	9	1747.50		Concealed Valve (Quarter Turn)	MC1P1PCN004I	32	1¼		300	24.90	
							MC1P1PCN005I	40	1½		200	36.40		
							MC1P1PCN006I	50	2		160	-		
NC2P1CVSQR2I (Short)	20	¾	11	10	1556.10									
NC2P1CVLQR2I (Long)	20	¾	11	10	1747.50			MC1P1PCC002I	20	¾		600		15.60
								MC1P1PCC003I	25	1		500	18.10	
NC2P1CVSQS2I (Short)	20	¾	11	10	1556.10									
NC2P1CVLQS2I (Long)	20	¾	11	10	1429.30			NC1P1PCL002I	20	¾	11	400		31.30
								NC1P1PCL003I	25	1	11	300	40.00	
NC2P1CVSQT2I (Short)	20	¾	11	10	1556.10									
NC2P1CVLQT2I (Long)	20	¾	11	10	1429.30			NC1P1FVS006I	*40	1½	11			-
									50	2	11	10	1133.60	
NC2P1STH002I	20	¾	11	10	1024.10		Screw Tap with Handwheel							
MC2P1YST003I	25	1	11	12	1323.00		MC1P1HNP001I	15	½	11	400	31.50		
MC2P1YST004I	32	1¼	11	6	3499.40		MC1P1HNP002I	20	¾	11	225	36.50		
MC2P1YST005I	40	1½	11	3	4096.90		MC1P1HNP003I	25	1	11	140	63.30		
MC2P1YST006I	50	2	11	2	6435.50		MC1P1HNP004I	32	1¼	11	80	73.00		
NP2G8YSTPC3E	25	1	11	12	451.90		MC1P1HNP005I	40	1½	11	60	104.60		
NP2G8YSTPC4E	32	1¼	11	6	703.20		MC1P1HNP006I	50	2	11	40	136.10		
NP2G8YSTPC5E	40	1½	11	3	867.30			NC1P1NRV002I	20	¾	11	24	391.30	
NP2G8YSTPC6E	50	2	11	2	1284.40			NC1P1NRV003I	25	1	11	18	608.60	
								*32	1¼	11		-		
MC1P1BPB001I	15	½	11	100	78.30			*40	1½	11		-		
MC1P1BPB002I	20	¾	11	100	129.30			*50	2	11		-		
MC1P1BPB003I	25	1	11	60	202.90									
MC1P1CRP001I	15	½	11	270	22.10		Circuit Testing Plug (N)	NC1P1TAV002I	20	¾	11	80	130.40	
								NC1P1TAV003I	25	1	11	25	163.50	
								NC1P1TAV005I	40	1½	11	30	539.00	

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Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP		Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP	
MC1P1HRP1X7I	15x7	½x7mm	11	300	14.60	 Hole Repairing Coupler	FCP0WMS0006I	20x15	¾x½		10	495.50	 Wall Mixer Fixture Set (Top & Side)
MC1P1HRP2X7I	20x7	¾x7mm	11	200	22.30		FCP0WMS0003I	25x15	1x½		10	721.70	
MC1P1HRP211I	20x11	¾x11mm	11	400	28.80								
MC1P1HRP3X7I	25x7	1x7mm	11	160	29.50								
NC1P1TCM002I	20	¾	11	80	91.80	 Tank Connector (MT/MT)	FCP0WMS0004I	20x15	¾x½		10	495.50	 Wall Mixer Fixture Set (Top & Bottom)
NC1P1TCM003I	25	1	11	50	177.90		FCP0WMS0005I	25x15	1x½		10	721.70	
NC1P1TCM004I	32	1¼	11	30	262.00								
NC1P1TCR001I	15	½	11	100	81.00	 Tank Connector (MT/FT)	FCP0BPB009EW	25	1	11	50	173.90	 Bypass Bend (F)
NC1P1TCR002I	20	¾	11	80	88.10		FCP0BPB010EW	32	1¼	11	30	287.40	
NC1P1TCR003I	25	1	11	50	131.80		FCP0BPB011EW	40	1½	11	20	448.10	
NC1P1TCR004I	32	1¼	11	30	192.90		FCP0BPB012EW	50	2	11	35	811.50	
NC1P1TCR005I	40	1½	11	20	299.60								
NC1P1TCS002I	20	¾	11	100	81.80	 Tank Connector (MT/Soc)	MC1P1LSB002I	20	¾	11	100	52.10	 Long Swept Bend
NC1P1TCS003I	25	1	11	50	146.00		MC1P1LSB003I	25	1	11	120	69.50	
NC1P1TCS004I	32	1¼	11	25	192.90		MC1P1LSB004I	32	1¼	11	75	139.10	
NC1P1TCS005I	40	1½	11	50	234.80			*40	1½			-	
NC1P1TCS006I	50	2	11	30	347.80								
FCP0RTC001EW	50	2 (F)	11	25	689.90	 Tank Connector (for R.C.C. tank) (MT/Spig) (F)	FCP0BNS001EW	15	½	11	125	32.80	 Bend (F)
NC1P1TCL002I	20	¾	11	60	107.80	FCP0BNS002EW	20	¾	11	75	59.10		
NC1P1TCL003I	25	1	11	100	191.10	FCP0BNS003EW	25	1	11	100	133.90		
NC1P1TCL004I	32	1¼	11	50	325.10	FCP0BNS004EW	32	1¼	11	50	148.00		
NC1P1TCL005I	40	1½	11	40	483.50	FCP0BNS005EW	40	1½	11	30	231.30		
NC1P1TCL006I	50	2	11	25	613.80	FCP0BNS006EW	50	2	11	50	483.00		
MC1P1WMF002I	20x15	¾x½		20	177.50	 Wall Mixer Fixture	FCP0SB9001EW	25	1	11	125	103.50	 Short Bend (F)
FCP0WMS0001I	20x15	¾x½		10	500.80	 Wall Mixer Fixture Set (all top)	4100339	15	½			10.20	 Metal Clamp (Second Sale)
FCP0WMS0002I	25x15	1x½		10	726.80		4100340	20	¾			11.70	
							4100341	25	1			13.80	
							4100342	32	1¼			14.40	
							4100343	40	1½			16.40	
							4100344	50	2			18.80	

Pipes and fitting offered upto 50mm (2") are as per CTS standards. F-Fabricated, SDR-Standard dimension ratio (Pressure class).
*Marked product will be shortly introduced

THE SYSTEM

C-PVC (Chlorinated Polyvinyl Chloride) has become a popular choice because of its superior material properties like high glass transition temperature, higher heat distortion temperature, extraordinary mechanical properties and chemical inertness together with its cost effectiveness. Supreme Lifelineplus C-PVC manufactured using world's best Japanese material and technology, is an ideal solution for hot and cold water, transportation of different chemicals and various other applications in industrial sector. This system is one of the best substitutes for GI and other metal piping systems being used for industrial applications. Choice of the raw material and strict quality control in production, gives these products a high degree of reliability which makes Lifelineplus C-PVC a preferred choice of quality conscious customers.

To meet the industrial requirements, pipes and fittings are made available up to 250mm dia (10") in IPS (Iron Pipe Size) series. Both the pipes and fittings are available in SCH 40 and SCH 80 pressure class. Pipes are made as per the ASTM F441 whereas the fittings are made as per ASTM F438 and F 439.

Fields of application

Supreme Lifelineplus C-PVC piping system is an ideal choice for Metal industries and treatment plants, Paper and pulp industries, Chemical, Fertilizer and Pharmaceutical industries, Food and beverage industries, Water and waste water treatment plants, Sugar and cement industries, RO plants etc.

FEATURES AND BENEFITS

- Excellent resistance to corrosion and chemical attacks
- Superior insulation properties- Low coefficient of thermal conductivity hence less insulation cost.
- Excellent temperature resistance up to 93°C
- Resistant to fire
- Use of NSF approved international quality raw material and availability of own manufactured NSF approved solvent cements
- Simple and leak proof joints
- Maintenance free
- Long service life



PIPES

Pipe dimensions and pressure rating chart as per ASTM F-441 (IPS series)

Nominal size		Outer diameter (mm)		Schedule 40			Schedule 80		
				MRP	Working pressure at		MRP	Working pressure at	
mm	inch	Min	Max		Per Mtr	23°C		82°C	Per Mtr
65	2½	72.84	73.20	1573.00	21.10	5.20	2144.00	29.50	7.30
80	3	88.70	89.10	2044.00	18.20	4.50	2893.00	26.00	6.30
100	4	114.07	114.53	2908.00	15.40	3.80	4292.00	22.50	5.60
150	6	168.02	168.58	6235.00	12.65	3.16	9407.00	19.68	4.92
200	8	218.72	219.48	9407.00	11.24	2.81	15669.00	17.57	4.21
250	10	272.72	273.48	12742.00	9.84	2.46	21072.00	16.17	3.86

Note : • Recommended de-rating factors should be applied before selecting any component for particular temperature and pressure. • C-PVC is not suitable or recommended for polar organic solvents and compressed air applications. • Max. allowable pressure for flanged connections is 10kg/cm².

FITTINGS

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP
MC1P4CPL007I	65	2½	40	15	502.50
MC1P4CPL008I	80	3	40	10	697.30
MC1P4CPL009I	100	4	40	14	1125.00
MC1P8CPL007I	65	2½	80	15	785.90
MC1P8CPL008I	80	3	80	8	1116.30
MC1P8CPL009I	100	4	80	9	1733.50
MC1P8CPL010I	150	6	80	3	4439.00
MC1P8CPL011I	200	8	80	3	10542.00



Coupler

MC1P4ELB007I	65	2½	40	8	862.40
MC1P4ELB008I	80	3	40	10	1344.00
MC1P4ELB009I	100	4	40	5	2336.90



Elbow 90°

MC1P8ELB007I	65	2½	80	8	1264.10
MC1P8ELB008I	80	3	80	10	1968.30
MC1P8ELB009I	100	4	80	4	3275.80
MC1P8ELB010I	150	6	80	2	8492.00
MC1P8ELB011I	200	8	80	1	17523.10

MC1P8BDF007I	65	2½	80	10	1144.10
MC1P8BDF008I	80	3	80	6	1533.60
MC1P8BDF009I	100	4	80	2	2928.00



Elbow 45°

MC1P4TEE007I	65	2½	40	5	1211.90
MC1P4TEE008I	80	3	40	8	1832.60
MC1P4TEE009I	100	4	40	3	3067.10



Equal Tee

MC1P8TEE007I	65	2½	80	5	1728.40
MC1P8TEE008I	80	3	80	7	2542.00
MC1P8TEE009I	100	4	80	3	4216.50
MC1P8TEE010I	150	6	80	2	10733.30
MC1P8TEE011I	200	8	80	1	21172.80

MC1P8RT10X8I	150x80	6x3	80	2	7925.30
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Reducing Tee

MC1P81RT7X3I	65x25	2½x1	11/80	6	963.30
MC1P81RT7X4I	65x32	2½x1¼	11/80	8	808.50
MC1P81RT7X5I	65x40	2½x1½	11/80	8	817.30
MC1P81RT7X6I	65x50	2½x2	11/80	5	999.80
MC1P81RT8X6I	80x50	3x2	11/80	4	1387.50
MC1P81RT9X3I	100x25	4x1	11/80	8	2260.40
MC1P81RT9X6I	100x50	4x2	11/80	6	2726.40



Reducing Tee (IPS x CTS)

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP
FCP0RET014EW	65x20	2½x¾	80		1521.40
FCP0RET021EW	80x25	3x1	80	25	2594.30
FCP0RET022EW	80x32	3x1¼	80	25	2921.80
FCP0RET017EW	80x40	3x1½	80	25	2354.30
FCP0RET012EW	80x65	3x2½	80	20	2557.80
FCP0RET032EW	100x32	4x1¼	80	15	2745.50
FCP0RET018EW	100x40	4x1½	80	15	2860.30
FCP0RET023EW	100x65	4x2½	80	10	4816.40
FCP0RET024EW	100x80	4x3	80	10	4731.10



Reducing Tee (F)

NC1P8UNI007I	65	2½	80	6	2336.90
NC1P8UNI008I	80	3	80	3	3176.80
NC1P8UNI009I	100	4	80	2	4833.80



Union

MC1P8RED8X7I	80x65	3x2½	80	10	834.70
MC1P8RED9X7I	100x65	4x2½	80	4	1502.30
MC1P8RED9X8I	100x80	4x3	80	12	1424.00
MC1P8REDSX9I	150x100	6x4	80	5	4138.30
MC1P8REDESI	200x150	8x6	80	2	8031.30



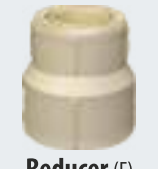
Reducer

MC1P81RD7X2I	65x20	2½x¾	11/80	20	467.80
MC1P81RD7X4I	65x32	2½x1¼	11/80	20	474.70
MC1P81RD8X6I	80x50	3x2	11/80	12	766.80
MC1P81RD9X6I	100x50	4x2	11/80	6	1361.50



Reducer (IPS x CTS)

FCP0RED018EW	150x100	6x4	40	10	-
FCP0RED004EW	65x40	2½x1½	80		893.80
FCP0RED005EW	65x50	2½x2	80		902.40
FCP0RED019EW	80x32	3x1¼	80	20	1095.40
FCP0RED015EW	80x40	3x1½	80		1098.90
FCP0RED016EW	80x50	3x2	80		-
FCP0RED006EW	100x40	4x1½	80	15	1928.30
FCP0RED017EW	100x65	4x2½	80		-



Reducer (F)

MC1P8ECP007I	65	2½	80	20	512.90
MC1P8ECP008I	80	3	80	12	758.20
MC1P8ECP009I	100	4	80	8	1316.30



End Cap

MC1P81RB7X6I	65x50	2½x2	11/80	30	502.50
FGP8REB031EW	80x25	3x1 (F)	11/80		-
FGP8REB030EW	80x32	3x1¼ (F)	11/80		-



Reducing Bush (IPS x CTS)

MC1P81RB8X6I	80x50	3x2	11/80	20	504.30
MC1P81RB9X6I	100x50	4x2	11/80	9	1095.70

MC1P8REB8X5I	80x40	3x1½	80	10	582.50
MC1P8REB8X7I	80x65	3x2½	80	12	650.30
MC1P8REB9X7I	100x65	4x2½	80	12	1001.50
MC1P8REB9X8I	100x80	4x3	80	12	1147.70
MC1P8REBTX9I	150x100	6x4	80	3	4073.90



Reducing Bush

Pipes and fitting offered from 65 to 200mm (2½" to 8") are in SCH 40 & 80 which are as per IPS pipe size (inch series like aqua Gold®). SCH-Schedule (Pressure class), F-Fabricated, SDR-Standard dimension ratio (Pressure class)

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP
FCP0MTA006EW	150	6 (F)	40	1	4538.20
MC1P8MTA007I	65	2½	80	15	702.50
MC1P8MTA008I	80	3	80	12	1227.50
MC1P8MTA009I	100	4	80	12	1898.80



MTA (Plastic)

MC1P8FTA007I	65	2½	80	12	634.70
MC1P8FTA008I	80	3	80	12	961.50
MC1P8FTA009I	100	4	80	4	1604.90



FTA (Plastic)

MC2P8MTA007I	65	2½	80	6	2411.70
MC2P8MTA008I	80	3	80	3	3717.50
MC2P8MTA009I	100	4	80	2	8346.00



MTA (Brass)

MC2P8FTA007I	65	2½	80	6	1596.20
MC2P8FTA008I	80	3	80	4	2037.90
MC2P8FTA009I	100	4	80	2	5216.30



FTA (Brass)

MC1P8FLA007I	65	2½	80	6	1589.30
MC1P8FLA008I	80	3	80	5	1813.50
MC1P8FLA009I	100	4	80	6	2962.90
MC1P8FLA010I	150	6	80	3	4127.80



Flange Adapter

NC1P8FVS007I	65	2½	80	6	1592.80
NC1P8FVS008I	80	3	80	5	1949.20
NC1P8FVS009I	100	4	80	8	2921.20
NC1P8FVS011I	200	8	80	2	9267.50



Flange Van Stone Style

Item Code	Size in mm	Size in inch	SCH	Box Qty.	MRP
MC1P8BFL007I	65	2½	80	12	1686.60
MC1P8BFL008I	80	3	80	10	2058.60
MC1P8BFL009I	100	4	80	3	3359.30



Blind Flange

NC1P8BLV007I	65	2½	80	1	10514.30
NC1P8BLV008I	80	3	80	1	14035.30



Ball Valve

NC1P8BVUN07I	65	2½	80	4	10084.80
NC1P8BVUN08I	80	3	80	3	13513.50



Ball Valve with Union

NC2P8YST007I	65	2½	80	1	9027.70
NC2P8YST008I	80	3	80	1	13061.50



Y Strainer

FCP0RTC002EW	65	2½	80	15	1187.70
FCP0RTC003EW	80	3	80	10	1804.90
FCP0RTC004EW	100	4	80	8	3213.30



Tank Connector (for R.C.C. tank) (MT/Spig) (F)

FCP0BNS007EW	65	2½	40	15	1664.00
FCP0BNS008EW	80	3	40	10	2401.30
FCP0BNS009EW	100	4	40	4	4247.80
FCP0BNS012EW	150	6	40	1	18952.40



Bend (F)

Pipes and fitting offered from 65 to 200mm (2½" to 8") are in SCH 40 & 80 which are as per IPS pipe size (inch series like aqua Gold®). SCH-Schedule (Pressure class), F-Fabricated, SDR-Standard dimension ratio (Pressure class).

C-PVC SOLVENT CEMENT

Item Code	Size	Box qty.	MRP
SBCPVCMD0015	15ml (tube)	24	51.00
SBCPVCMD0030	30ml (tube)	24	85.00
SBCPVCMD0060	60ml (tube)	24	141.00
SBCPVCMD0061	60ml	48	168.00
SBCPVCMD0100	100ml	24	242.00
SBCPVCMD0250	250ml	24	501.00
SBCPVCMD0500	500ml	12	928.00
SBCPVCMD1000	1000ml	6	1821.00



Medium Bodied

PRIMER

SBPRIMER0100	100ml	24	158.00
SBPRIMER0250	250ml	24	309.00
SBPRIMER0500	500ml	12	566.00
SBPRIMER1000	1000ml	6	1042.00



Primer

C-PVC SOLVENT CEMENT

Item Code	Size	Box qty.	MRP
SBCPVCHD0015	15ml (tube)	24	53.00
SBCPVCHD0030	30ml (tube)	24	85.00
SBCPVCHD0060	60ml (tube)	24	144.00
SBCPVCHD0061	60ml	48	166.00
SBCPVCHD0100	100ml	24	243.00
SBCPVCHD0250	250ml	24	504.00
SBCPVCHD0500	500ml	12	960.00
SBCPVCHD1000	1000ml	6	1835.00



Heavy Bodied