





# Pipe Dimensions Pressure ratings and fittings

Fittings	Lateral Pipe
13 - 25mm Lateral Fitting	PN (bar) 5 (OD) (ID)
	LAT13 15.3 13.0
	LAT16 18.6 16.0
	LAT19 22.0 19.0
	LAT25 28.7 24.9

Fittings	RX K-Pipe™
32 - 50mm K-Line Fitting	PN (bar) (OD) (ID) 5 6 6.5
	K.PIPE32 (6.5bar) 37.75 31.20
	K.PIPE40 (6.0bar) 44.15 37.55
	K.PIPE45 (5.0bar) 50.25 43.55
	K.PIPE63 (6.0bar) 63.30 55.20

Fittings	RX Low Density Pipe
15 - 50mm RX Low Density	PN (bar) (OD) (ID) 5 6 7 8 9 10
	LD15 (9.7bar) 17.1 12.20
	LD20 (9.0bar) 25.15 18.55
	LD25 (8.0bar) 31.5 24.90
	LD32 (6.5bar) 37.8 31.20
	LD40 (6.0bar) 44.15 37.55
	LD45 (5.0bar) 50.25 43.55
	LD50 (5.0bar) 56.85 50.25

Fittings	Nominal Bore Imperial Pipe
15 - 50mm RX Compression	PN (bar) (OD) (ID) 6.3 8 9 12.5
	SDR 21 17 15.3 11
	MD'ID' 15 17.30 13.80 13.80
	MD'ID' 20 25.15 21.65 21.45 20.25
	MD'ID' 25 31.50 28.00 27.40 27.00 25.30
	MD'ID' 32 37.75 33.85 32.35 30.45
	MD'ID' 40 44.15 39.65 37.85 35.65
	MD'ID' 50 60.40 54.30 51.90 48.90

PE80 Metric Pipe	(OD)	(ID)	6.3	8	9	10	12.5	16	20
PN (bar)		6.3							
SDR		21	17	15.3	13.6	11	9	7.4	
MD20	20.1			16.65	16.05	15.15	14.15		
MD25	25.2		21.65	21.45	20.15	19.15	17.65		
MD32	32.2		28.05	27.45	25.95	24.45	22.75		
MD40	40.2	36.10	35.00	34.50	32.30	30.60	28.50		
MD50	50.2	45.05	43.85	43.05	40.45	38.35	35.65		
MD63	63.3	56.90	55.20	54.40	51.00	48.20	45.10		
MD75	75.3	67.65	65.75	64.75	60.95	57.55	53.55		
MD90	90.4	81.25	78.95	77.75	73.05	69.05	64.45		
MD110	110.5	99.20	96.50	95.00	89.40	84.50	78.60		
MD125	125.6	112.90	109.90		106.10	101.50	96.10	89.50	
MD140	140.6	126.45	123.05		118.85	113.85	107.55	100.15	
MD160	160.7	144.45	140.65		135.85	129.95	123.05	114.65	
MD180	180.8	162.65	158.25		152.75	146.25	138.45	129.05	
MD200	200.9	180.60	175.80		169.90	162.50	153.70	143.40	
MD225	226.0	203.25	197.75		191.05	182.85	173.15	161.25	
MD250	251.2	226.05	219.95		212.35	203.35	192.45	179.15	
MD280	281.3	253.00	246.30		237.90	227.80	215.40	200.70	
MD315	316.5	284.85	277.05		267.55	256.25	242.35	226.05	
MD355	356.6	321.00	311.10		301.60	288.80	273.30	254.60	
MD400	401.8	361.50	351.90		339.90	325.40	307.80	287.00	
MD450	452.0	406.75	395.85		382.35	366.05	346.45	322.75	

Fittings
RX Metric 20 - 63mm - 16 bar
FIP Metric 20 - 110mm - 16 bar
FIP Tapping Saddles 25 - 110mm - 10 bar
Plassim Metric 20 - 63mm - 16 bar 75 - 110mm - 10 bar
Plassim Tapping Saddles 20 - 63mm - 16 bar 75 - 110mm - 10 bar
Electrofusions 20 - 450mm
Camlocks 19 - 152mm standard 51/63 - 76/90 Effluent

## Conversions

1 bar = 100kPa
1 bar = 14.50psi
1 bar = 10.20mH <sub>2</sub> O
1psi = 6.9kPa

PE100 Metric Pipe	(OD)	(ID)	8	10	12.5	16	20	25
PN (bar)		8						
SDR		21	17	15.3	13.6	11	9	7.4
PE100.20	20.1			16.65	16.05	15.15	14.15	
PE100.25	25.2		21.65	21.05	20.15	19.15	17.65	
PE100.32	32.2		28.05	26.95	25.95	24.45	22.75	
PE100.40	40.2	36.10	35.00	33.80	32.30	30.60	28.50	
PE100.50	50.2	45.05	43.85	42.35	40.45	38.35	35.65	
PE100.63	63.3	56.90	55.20	53.30	51.00	48.20	45.10	
PE100.75	75.3	67.65	65.75	63.65	60.95	57.55	53.55	
PE100.90	90.4	81.25	78.95	76.45	73.05	69.05	64.45	
PE100.110	110.5	99.20	96.50	93.30	89.40	84.50	78.60	
PE100.125	125.6	112.90	109.90	106.10	101.50	96.10	89.50	
PE100.140	140.6	126.45	123.05	118.85	113.85	107.55	100.15	
PE100.160	160.7	144.45	140.65	135.85	129.95	123.05	114.65	
PE100.180	180.8	162.65	158.25	152.75	146.25	138.45	129.05	
PE100.200	200.9	180.60	175.80	169.90	162.50	153.70	143.40	
PE100.225	226.0	203.25	197.75	191.05	182.85	173.15	161.25	
PE100.250	251.2	226.05	219.95	212.35	203.35	192.45	179.15	
PE100.280	281.3	253.00	246.30	237.90	227.80	215.40	200.70	
PE100.315	316.5	284.85	277.05	267.55	256.25	242.35	226.05	
PE100.355	356.6	321.00	311.10	301.60	288.80	273.30	254.60	
PE100.400	401.8	361.50	351.90	339.90	325.40	307.80	287.00	
PE100.450	452.0	406.75	395.85	382.35	366.05	346.45	322.75	

PVC-U 800 Pressure Pipe (Series 1)	(OD)	(ID)	6	9	12	15	18
PN (bar)		6					
PVCU15	21.3					18.25	17.75
PVCU20	26.7				23.65	22.95	22.35
PVCU25	33.5			30.45	29.75	28.95	28.05
PVCU32	42.3			38.45	37.45	36.35	35.35
PVCU40	48.3	45.15		44.05	42.75	41.55	40.45
PVCU50	60.4	56.75	55.15	53.65	52.15	50.45	
PVCU65	75.4	70.95	68.85	66.95	65.05	63.15	
PVCU80	88.7	83.70	81.30	79.00	76.70	74.60	
PVCU100	114.3	107.80	104.60	101.70	98.80	96.00	
PVCU125	140.2	132.20	128.40	124.90	121.30	117.70	
PVCU150	160.3	151.25	146.85	142.65	138.65	134.65	
PVCU175	200.3	190.05	185.15	180.55	175.95	171.45	
PVCU200	225.3	213.80	208.50	203.10	198.00	192.90	
PVCU225	250.4	237.65	231.65	225.75	219.95	214.35	
PVCU250	280.4	266.20	259.40	252.90	246.40	240.10	
PVCU300	315.4	299.45	291.95	284.45	277.25	270.15	
PVCU350	335.5	337.50	329.00	320.60	312.50	304.50	
PVCU375	400.5	380.30	370.70	361.20	352.00	343.00	
PVCU400	450.5	427.80	416.90	406.40	396.00	428.70	
PVCU450	500.5	475.30	463.30	451.40	440.00		

PVC-U 1800 Pressure Pipe (Series 2)	(OD)	(ID)	9	12	16	18	20
PN (bar)		6					
PVCU100-S2	121.9			108.50	104.30	102.40	100.30
PVCU150-S2	177.4			157.85	151.95	149.05	146.05
PVCU200-S2	232.3			209.35	202.25	198.65	195.25
PVCU225-S2	259.3	246.05	239.75	233.65	225.65	221.85	218.05
PVCU250-S2	285.8	271.70	264.80	258.10	249.20	245.00	240.80
PVCU300-S2	345.4	327.95	319.55	311.35	300.85		
PVCU375-S2	426.2	404.60	394.30	384.40	371.20	385.80	
PVCU450-S2	507	481.40	469.20	457.20	441.70		