

PVC-U Pressure Pipe - POWER-LOCK™

Technical Data

Conversions	kPa	psi	mH ₂ O
1 bar	100	14.5	10.20
1 psi	6.9	-	-

PVC-U 800 Pressure Pipe (Series 1) Dimensions and Pressure Ratings

PN (BAR)	OD (mm)		Internal			
	6	9	12	15	18	
PVCU15	21.30			18.25	17.75	
PVCU20	26.70		23.65	22.95	22.35	
PVCU25	33.50		30.45	29.75	28.05	
PVCU32	42.30		38.45	37.45	35.35	
PVCU40	48.30	45.15	44.05	42.75	40.45	
PVCU50	60.40	56.75	55.15	53.65	50.45	
PVCU65	5.40	70.95	68.85	66.95	65.05	63.15
PVCU80	88.70	83.70	81.30	79.00	76.70	74.60
PVCU100	114.30	107.80	104.60	101.70	98.80	96.00
PVCU125	140.20	132.20	128.40	124.90	121.30	117.70
PVCU150	160.30	151.25	146.85	142.65	138.65	134.65
PVCU175	200.30	190.05	185.15	180.55	175.95	171.45
PVCU200	225.30	213.80	208.50	203.10	198.00	192.90
PVCU225	250.40	237.65	231.65	225.75	219.95	214.35
PVCU250	280.40	226.20	259.40	252.90	246.40	240.10
PVCU300	315.40	299.45	291.95	284.45	277.25	270.15
PVCU350	335.50	337.50	329.00	320.60	312.50	304.50
PVCU375	400.50	380.30	370.70	361.20	352.00	343.00
PVCU400	450.50	427.80	416.90	406.40	396.00	428.70
PVCU450	500.50	475.30	463.30	451.40	440.00	

800 Series 1 PVC-U Pressure Pipe

- High quality pipe suitable for pressure pipeline systems for cold water services.
- Available in dimensions that are produced in accordance with AS/NZS 1477.
- Effective 6m laid lengths.
- Supplied as Ring Joint.
- "Socket Joint" Pressure Pipe is subject to availability.
- Lead free product.

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Pressure Rating @ 20°C	Pack Quantity
PN6 (Class "B")				
800.65.PN6.6RJ	65	75.2	6 Bar / 87 psi	96
800.80.PN6.6RJ	80	88.7	6 Bar / 87 psi	57
800.100.PN6.6RJ	100	114.1	6 Bar / 87 psi	38
800.125.PN6.6RJ	125	140	6 Bar / 87 psi	22
800.150.PN6.6RJ	150	160	6 Bar / 87 psi	28
800.175.PN6.6RJ	175	200	6 Bar / 87 psi	10
800.200.PN6.6RJ	200	225	6 Bar / 87 psi	8
800.225.PN6.6RJ	225	250	6 Bar / 87 psi	8
800.250.PN6.6RJ	250	280	6 Bar / 87 psi	6
800.300.PN6.6RJ	300	315	6 Bar / 87 psi	6
800.375.PN6.6RJ	375	400	6 Bar / 87 psi	6
800.450.PN6.6RJ	450	500	6 Bar / 87 psi	4



RING JOINT (RJ)

PVC-U Pressure Pipe - POWER-LOCK™

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Pressure Rating @ 20°C	Pack Quantity
PN9 (Class "C")				
800.65.PN9.6RJ	65	75.2	9 Bar / 130 psi	96
800.80.PN9.6RJ	80	88.7	9 Bar / 130 psi	57
800.100.PN9.6RJ	100	114.1	9 Bar / 130 psi	38
800.125.PN9.6RJ	125	140	9 Bar / 130 psi	22
800.150.PN9.6RJ	150	160	9 Bar / 130 psi	28
800.175.PN9.6RJ	175	200	9 Bar / 130 psi	10
800.200.PN9.6RJ	200	225	9 Bar / 130 psi	8
800.225.PN9.6RJ	225	250	9 Bar / 130 psi	8
800.250.PN9.6RJ	250	280	9 Bar / 130 psi	6
800.300.PN9.6RJ	300	315	9 Bar / 130 psi	6
800.375.PN9.6RJ	375	400	9 Bar / 130 psi	6
800.450.PN9.6RJ	450	500	9 Bar / 130 psi	4



RING JOINT (RJ)

PN12 (Class "D")				
800.65.PN12.6RJ	65	75.2	12 Bar / 174 psi	96
800.80.PN12.6RJ	80	88.7	12 Bar / 174 psi	57
800.100.PN12.6RJ	100	114.1	12 Bar / 174 psi	38
800.125.PN12.6RJ	125	140	12 Bar / 174 psi	22
800.150.PN12.6RJ	150	160	12 Bar / 174 psi	28
800.175.PN12.6RJ	175	200	12 Bar / 174 psi	10
800.200.PN12.6RJ	200	225	12 Bar / 174 psi	8
800.225.PN12.6RJ	225	250	12 Bar / 174 psi	8
800.250.PN12.6RJ	250	280	12 Bar / 174 psi	6
800.300.PN12.6RJ	300	315	12 Bar / 174 psi	6
800.375.PN12.6RJ	375	400	12 Bar / 174 psi	6

PN15 (Class "E")				
800.65.PN15.6RJ	65	75.2	15 Bar / 225 psi	96
800.80.PN15.6RJ	80	88.7	15 Bar / 225 psi	57
800.100.PN15.6RJ	100	114.1	15 Bar / 225 psi	38
800.125.PN15.6RJ	125	140	15 Bar / 225 psi	22
800.150.PN15.6RJ	150	160	15 Bar / 225 psi	28
800.175.PN15.6RJ	175	200	15 Bar / 225 psi	10
800.200.PN15.6RJ	200	225	15 Bar / 225 psi	8
800.225.PN15.6RJ	225	250	15 Bar / 225 psi	8
800.300.PN15.6RJ	300	315	15 Bar / 225 psi	6

PN18 (Class "F")				
800.100.PN18.6RJ	100	114.1	18 Bar / 270 psi	38
800.150.PN18.6RJ	150	160	18 Bar / 270 psi	28
800.200.PN18.6RJ	200	225	18 Bar / 270 psi	8
800.225.PN18.6RJ	225	250	18 Bar / 270 psi	8

PVC-U Pressure Pipe - POWER-LOCK™

800 Series 1 PVC-U Metric Pipe Series

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Pressure Rating @ 20°C	Pack Quantity
PN6 (Class "B")				
800.40.PN6.6SJ	40	48.1	6 Bar	209
800.50.PN6.6SJ	50	60.2	6 Bar	150
PN9 (Class "C")				
800.32.PN9.6SJ	32	42.1	9 Bar	264
800.40.PN9.6SJ	40	48.1	9 Bar	209
800.50.PN9.6SJ	50	60.2	9 Bar	150
800.50.PN9.6RJ	50	60.2	9 Bar	150
PN12 (Class "D")				
800.32.PN12.6SJ	32	42.1	12 Bar	264
800.40.PN12.6SJ	40	48.1	12 Bar	209
800.50.PN12.6SJ	50	60.2	12 Bar	150
800.50.PN12.6RJ	50	60.2	12 Bar	150
PN15 (Class "E")				
800.15.PN15.6SJ	15	21.2	15 Bar	480
800.20.PN15.6SJ	20	26.6	15 Bar	656
800.25.PN15.6SJ	25	33.4	15 Bar	413
800.32.PN15.6SJ	32	42.1	15 Bar	264
800.40.PN15.6SJ	40	48.1	15 Bar	209
800.50.PN15.6SJ	50	60.2	15 Bar	150
800.50.PN15.6RJ	50	60.2	15 Bar	150
PN18 (Class "F")				
800.40.PN18.6SJ	40	48.1	18 Bar	209
800.50.PN18.6SJ	50	60.2	18 Bar	150
800.50.PN18.6RJ	50	60.2	18 Bar	150



SOLVENT JOINT (SJ)

PVC PRESSURE SYSTEMS

DRAIN, WASTE AND VENT - SEWER-LOCK

100 series PVC-U Drain, Waste and Vent (DWV)

- Made to AS/NZS 1260, effective 6m laid lengths.
- Pipe colour - Light grey, lead free product.

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Stiffness N/m/m	Pack Quantity
100SN6.100.6RJ	100	110	6000	60
100SN10.100.6RJ	100	110	10000	60
100SN16.100.6RJ	100	110	16000	60
100SN4.150.6RJ	150	160	4000	28
100SN8.150.6RJ	150	160	8000	28
100SN16.150.6RJ	150	160	16000	28
100SN4.175.6RJ	175	200	4000	20
100SN8.175.6RJ	175	200	8000	20
100SN16.175.6RJ	175	200	16000	20
100SN4.225.6RJ	225	250	4000	12
100SN8.225.6RJ	225	250	8000	12
100SN16.225.6RJ	225	250	16000	12
100SN4.300.6RJ	300	315	4000	6
100SN8.300.6RJ	300	315	8000	6
100SN16.300.6RJ	300	315	16000	6
100SN4.375.6RJ	375	400	4000	6
100SN8.375.6RJ	375	400	8000	6
100SN16.375.6RJ	375	400	16000	6
100SN4.475.6RJ	475	500	4000	4
100SN8.475.6RJ	475	500	8000	4
100SN16.475.6RJ	475	500	16000	4
100SN6.100.6SJ	100	110	6000	60
100SN10.100.6SJ	100	110	10000	60
100SN16.100.6SJ	100	110	16000	60
100SN4.150.6SJ	150	160	4000	28
100SN8.150.6SJ	150	160	8000	28
100SN16.150.6SJ	150	160	16000	28
100SN4.175.6SJ	175	200	4000	20
100.32.6SJ	32	36.2		230
100.40.6SJ	40	42.8		180
100.50.6SJ	50	55.7		149
100.65.6SJ	65	68.7		105
100.80.6SJ	80	82.3		88



RING JOINT (RJ)



SOLVENT JOINT (SJ)

DRAIN, WASTE AND VENT SYSTEMS

STORMWATER AND CULVERT - STORM-LOCK™

700 Series PVC-U Stormwater Pipe

- Made to AS 1254, effective 6m laid lengths.
- Pipe colour - Dark grey, lead free product.

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Effective Pipe Length	Pack Quantity
700SN2.100.6SJ	100	110	6 metres	60
700SN2.150.6SJ	150	160	6 metres	28
700SN2.175.6SJ	175	200	6 metres	20
700SN2.225.6SJ	225	250	6 metres	12
700SN4.90.6SJ	90	90.3	6 metres	81
700SN4.100.6SJ	100	110	6 metres	60
700SN4.150.6SJ	150	160	6 metres	28
700SN4.175.6SJ	175	200	6 metres	20
700SN4.150.6RJ	150	160	6 metres	28
700SN4.175.6RJ	175	200	6 metres	28
700SN4.225.6RJ	225	250	6 metres	12
700SN4.300.6RJ	300	315	6 metres	6
700SN4.375.6RJ	375	400	6 metres	6
700SN4.475.6RJ	475	500	6 metres	4



SOLVENT JOINT (SJ)



RING JOINT (RJ)

STORMWATER AND
CULVERT SYSTEMS

550 Series PVC-U Culvert Pipe

- Lead free product.

RXP Code	Outside Diameter (mm)	Pipe Length including Socket	Pack Quantity
550.110.3SJ	110	3metres	60
550.110.6SJ	110	6 metres	60
550.160.3SJ	160	3metres	28
550.160.6SJ	160	6 metres	28
550.200.3SJ	200	3metres	20
550.200.6SJ	200	6 metres	20
550.250.3SJ	250	3metres	12
550.250.6SJ	250	6 metres	12
550.315.3SJ	315	3metres	6
550.315.6SJ	315	6 metres	6
550.400.3SJ	400	3metres	6
550.400.6SJ	400	6 metres	6
550.500.3SJ	500	3metres	4
550.500.6SJ	500	6 metres	4



SOCKET JOINT (SJ)

PVC-U ELECTRICAL DUCT

2700 Series PVC-U Electrical Duct

- 32mm - 80mm dimensions equal to AS/NZS 1260.
- 100mm and 150mm made to AS/NZS 2053.
- Pipe colour - Orange, lead free product.
- 6 metre effective laid length.

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Effective Laid Pipe Length	Pack Quantity
2700.32.6SJ	32	36.2	6 metres	230
2700.40.6SJ	40	42.8	6 metres	180
2700.50.6SJ	50	55.7	6 metres	149
2700.65.6SJ	65	68.7	6 metres	105
2700.80.6SJ	80	82.3	6 metres	88
2700.150.LD.6SJ	150	160	6 metres	28

PVC ELECTRICAL
DUCT