PVC-U Pressure Pipe - POWER-LOCK™

Technical Data

Conversions	kPa	psi	mH_2O
1 bar	100	14.5	10.20
1 psi	6.9	-	-

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

	OD (mm)	Internal				
PN (BAR)		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	28.95	28.05
PVCU32	42.30		38.45	37.45	36.35	35.35
PVCU40	48.30	45.15	44.05	42.75	41.55	40.45
PVCU50	60.40	56.75	55.15	53.65	52.15	50.45
PVCU65	75.40	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.
- “Solvent 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")				
800.80.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	6



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")				
800.50.PN9.6RJ	50	60.2	9 Bar / 130 psi	150
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	6
PN12 (Class "D")				
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
800.200.PN12.6RJ	200	225	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
PN15 (Class "E")				
800.200.PN15.6RJ	200	280	15 Bar / 225 psi	8



RING JOINT (RJ)



RING JOINT (RJ)



RING JOINT (RJ)

PVC-U Pressure Pipe Solvent Joint

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Pressure Rating @ 20°C	Pack Quantity
PN6 (Class "B")				
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
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
800.65.PN12.6SJ	65	75.2	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



SOLVENT JOINT (SJ)



SOLVENT JOINT (SJ)



SOLVENT JOINT (SJ)

STORM-LOCK™ STORMWATER & AGRIDUCT™ CULVERT

550 Series PVC-U Culvert Pipe

- Lead free product.

RXP Code	Nominal Size (mm)	Outside Diameter (mm)	Pipe Length Including Socket	Pack Quantity
550.110.6SJ	100	110	6 metres	60
550.160.6SJ	150	160	6 metres	28
550.200.6SJ	175	200	6 metres	20
550.250.6SJ	225	250	6 metres	12
550.315.6SJ	300	315	6 metres	6
550.400.6SJ	375	400	6 metres	6
550.500.6SJ	475	500	6 metres	4



SOCKET JOINT (SJ)

ACCESORIES

PVC Primer, Solvent, Lubricant

RXP Code	Description
	Joint Primer
RX.PRIMER.4000	Joint Primer 4 Litre Tin
RX.PRIMER.500	Joint Primer 500ml Pot



High strength PVC priming fluid used to clean PVC pressure pipe prior to gluing on all classes of PVC pressure pipe and fittings. Recommended for sizes up to 150mm. Easy to apply and coloured pink for quick identification joint has been primed prior to solventing.

RX.PRIMER.CL.500	Joint Primer Clear 500ml Pot

Easy to apply and in clear where non-staining is required for all visible joints.

	Solvent Cement
RX.SOLVENT.125	Solvent Cement Gold 125ml Pot
RX.SOLVENT.250	Solvent Cement Gold 250ml Pot
RX.SOLVENT.500	Solvent Cement Gold 500ml Pot



Specifically formulated to bond together Drain, Waste & Vent (DWV) pipe, Storm Water and Pressure Pipes systems and helps to ensure a long-lasting, water tight joint is achieved.

	Joint Lube
RX.LUBE.2000	Joint Lube 2kg
RX.LUBE.500	Joint Lube 500gm



Pipe lube should be used for every Rubber Ringed joint pipe. Applied around a clean rubber ring so the pipe is inserted easily and doesn't damage the ring.