

PVC-U Borecasing Pipe SCJ

PVC-U borecasing pipe with solvent cement joints (SCJ)
 Series 1 pipes have ISO compatible outside diameter
 DN50 to DN300 manufactured to AS/NZS 1477

Borecasing is a specialised PVC-U pressure pipe offered to the mining industry. Borecasing PVC-U pipe is used to form a lining or casing for a water bore drilled vertically into the ground. In this application, resistance to external loads rather than internal pressure is the key requirement, so the primary consideration is pipe wall thickness to ensure high stiffness.

PART OF THE PVC PRESSURE SYSTEMS RANGE

- Manufactured in Australia
- Pressure rating PN9 and PN12
- Solvent cement joint
- Available in 6m effective lengths
- Available in a range of colours to suit various pressure applications
- Improved material performance
- No adverse effect on water quality
- Hydraulic efficiency
- Light weight and easy to handle
- Suitable for aggressive or saline soils
- Range of compatible [PVC fittings](#) available



Applications

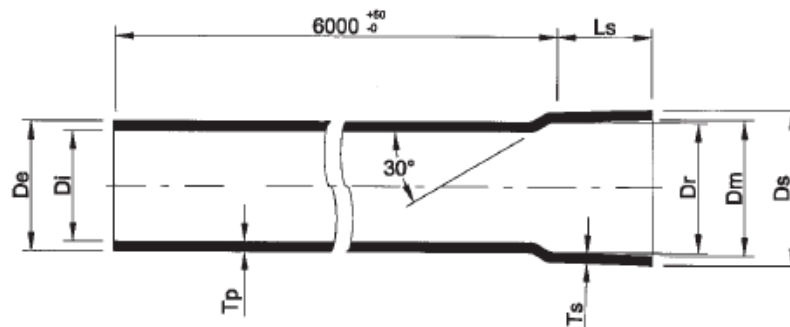
- Mining
- Slurry transport
- Pressure sewerage
- Water supply
- Recycled water

Technical Data

Size Range	DN50 – DN300
Manufacturing Standard	AS/NZS 1477
License Number	SMKP1012 , SMKP1016 , SMKP1077 , SMKP1081 (SAI Global)
Best Environmental Practice	BEP-PVC 570
Quality Management System	ISO 9001
Certificate Number	QEC0570 (SAI Global)

ITEM	DESCRIPTION
Pipe material	PVC-U
Colour	Varies
Joint type	Solvent cement
Solvent cement type	Type P (green)





Dimensions

Nominal Diameter DN	Outside Diameter		PN9		PN12		Minimum Socket Length Ls (mm)
	Dm min (mm)	Dm max (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)	
50	60.2	60.5	2.6	55.2	3.4	53.7	61
125	140.0	140.4	5.9	128.4	7.7	124.9	125
150	160.0	160.5	6.7	146.9	8.8	142.7	125
155	168.0	168.5	7.1	154.2	9.2	149.9	127
175	200.0	200.5	7.6	184.9	9.9	180.6	147
300	315.0	315.9	11.8	292.0	15.5	284.5	175

Product Range

Vinidex Code	Nominal Diameter (DN)	Class	Length (m)	Joint Type	Min. (Pack) Quantity	Crate Quantity	Approx. Weight (kg/length)	Safe Tensile Load* (kN)
14711	50	PN 25	6	SCJ	1		11.9	
15385	50		6	SCJ	1		4.1	
14680	125	PN 9	6	SCJ	1	38	23.7	27
15367	125	PN 12	6	SCJ	1	38	30.5	35
15376	155	PN 12	6	SCJ	1		42.2	39
15382	150		6	SCJ	1	26	28.9	
15383	150		6	SCJ	1		28.7	
14730	150	PN 9	6	SCJ	1	26	30.5	35
15359	155	PN 6	6	SCJ	1		22.5	
14780	155	PN 9	6	SCJ	1		31.5	50
14790	155	PN 12	6	SCJ	1		40.9	39
15063	175	PN 9	6	SCJ	1	20	44	57
15021	300	PN 12	6	SCJ	1		131	179
15026^	300	PN 12	6	SCJ	1		159.4	187
15028	300	PN 12	6.12	SCJ	1		129.8	179

* Based on a maximum tensile stress of 11.0 MPa for pipes up to DN150 and 12.3MPa for pipes DN175 and larger

^ Series 2 outside diameter