

PIPEMASTER™

PVC Pipe

PLASTICOAT™ Ducting
CODEMASTER™ Composite Hose
REOMASTER™ Steel Reinforcement
MINEMASTER™ Mine Ventilation
PIPEMASTER™ PVC Pipe

The Company's manufacturing history goes back over fifty years with the introduction of the Plasticoat range of industrial coatings and flexible ducting in the late fifties.

Our Head Office and Manufacturing Centre in Chambers Road, Altona North, Victoria commenced operations in 1961 and has since grown to accommodate the ever evolving manufactured product range and now covers over three hectares.

In 2002, as our Australian marketing network spread, we opened a second major Distribution Centre in Perth, WA. This is now located in Bassendean on an 8000m² site and services an extensive customer base, on the West Coast. We also opened a new Distribution Centre in Brisbane, Qld in 2010. This is now located in Northgate on a large site and services all our Northern customers. In addition to our National customer base we have developed an important export market for a range of our products that are now sold throughout New Zealand, South East Asia, South Africa and the Middle East.

We are Associate members of many industry groups including The Australian Chamber of Manufacturers, The Association for Hose and Accessories Distribution (NAHAD), The Australian Drilling Industry Association (ADIA), Australian Hides Skins and Leather Exporters Association (AHSLEA) and the National Precast Concrete Association of Australia.

All our products are manufactured to the relevant Australian Standards and tested under strict quality control procedures. We hold numerous Standards Licences and our Steel Reinforcing products have achieved ACRS accreditation (Australian Certification Authority for Reinforcing Steel). All our PVC pipe products are BEP certified (Best Environmental Practice).

Having local manufacture enables us to have control over our manufacturing ensuring a consistently high quality product to meet our clients' needs. It also provides the flexibility to customise products and to ensure we can meet the most challenging deadlines

Being a privately owned Company we pride ourselves on our ability to supply solutions for customised product or service requests - no matter how difficult, how large or how small such requests are. We have a dedicated and focused team at Plascorp™ that we believe gives us that all important point of difference.



AS/NZS 1477
AS/NZS 1260
AS/NZS 1254
AS/NZS 2053
ISO 9001

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 **PLASCORP™**

PIPEMASTER™ INTRODUCTION

PLASCORP™ MANUFACTURES AND SUPPLIES A COMPREHENSIVE RANGE OF UPVC PIPE UNDER THE BRAND NAME PIPEMASTER FOR USE IN IRRIGATION, MINING, DRAINAGE, WATER SUPPLY AND CIVIL MARKET SECTORS THROUGHOUT AUSTRALIA. OUR MAIN PRODUCTS INCLUDE PRESSURE PIPE, BORECASING, ELECTRICAL CONDUIT, STORMWATER, DWV AND VACUUM PIPE. OUR PIPEMASTER PVC PIPE IS MANUFACTURED IN ACCORDANCE TO RELEVANT AUSTRALIAN STANDARDS WHILST ALSO ENSURING COMMITMENT TO STOCK LEVELS, QUALITY, CUSTOMER SERVICE AND PRODUCTION FLEXIBILITY IN SUPPORT OF OUR CUSTOMERS.



PVC-U PRESSURE PIPE SERIES 1 RUBBER RING JOINT (RRJ) (AS/NZS1477)



PVC pressure pipes are manufactured in accordance to AS-1477 from PVC resin compounded with stabilisers, lubricants and pigments. They do not contain any plasticisers and hence are known as unplasticised PVC or PVC-U.

PVC-U pipes have been used for pressure applications in Australia since the 1960s, but have a much longer service history elsewhere in the world. Over this time, industry has recognised the many benefits of PVC for pressure pipes: material stability, corrosion resistance, and high strength to weight ratio, ease of handling, installation and excellent flow characteristics.

CLASS 6					CLASS 9					
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
100	114.3				114.3	104.7	4.8	2.4	6	52
150	160.2	151.2	4.5	3.23					6	28
200	225.3	213.9	5.7	5.7	225.3	208.5	8.4	8.3	6	15



PVC-U PRESSURE PIPE SERIES 1 SOLVENT WELD (SWJ) (AS/NZS1477)



PVC pressure pipes are manufactured in accordance to AS-1477 from PVC resin compounded with stabilisers, lubricants and pigments. They do not contain any plasticisers and hence are known as unplasticised PVC or PVC-U.

PVC-U pipes have been used for pressure applications in Australia since the 1960s, but have a much longer service history elsewhere in the world. Over this time, industry has recognised the many benefits of PVC for pressure pipes: material stability, corrosion resistance, and high strength to weight ratio, ease of handling, installation and excellent flow characteristics.

CLASS 6						CLASS 9			
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)
15	21.4								
20	26.8								
25	33.6					30.6	1.5	0.2	36.6
32	42.3					38.5	1.9	0.4	46.1
40	48.3	45.3	1.5	0.3	51.3	44.1	2.1	0.5	52.5
50	60.4	56.8	1.8	0.5	64	55.2	2.6	0.7	65.6
65	75.4	71	2.2	0.7	79.8	69	3.2	1.1	81.8
80	88.9	83.7	2.6	1	94.1	81.3	3.8	1.5	96.5
100	114.3	107.9	3.2	1.8	120.7	104.7	4.8	2.6	123.9
125	140.2	132.2	4	2.7	148.2	128.4	5.9	4	152
150	160.3	151.3	4.5	3.6	169.3	146.9	6.7	5.2	173.7
175	200.2					185	7.6	7.6	215.4
200	225.3	213.9	5.7	6.5	236.7	208.5	8.4	9.45	242.1
225	250.4	237.6	6.4	8.1	263.2	231.8	9.3	11.8	269
250	280.4	266.2	7.1	9	294.6	259.4	10.5	15	301.4
300	315.5	299.5	8.0	11.5	331.5	292.0	11.8	17	339.1
350	355.5	337.5	9.0	15	373.5	329.0	13.3	20	382.1
375	400.5	380.3	10.1	18	420.7	370.8	14.9	27	430.3

CLASS 12					CLASS 18					
NOM size (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)	LENGTH/s (m)	PACK QTY
15					17.8	1.8	0.2	25	6	600
20	23.8	1.5	0.2	29.8	22.4	2.2	0.3	31.2	6	600
25	29.8	1.9	0.3	37.4	28.2	2.7	0.4	39	6	600
32	37.5	2.4	0.4	47.1	35.5	3.4	0.6	49.1	6	300
40	42.9	2.7	0.6	53.7	40.5	3.9	0.8	56.1	6	270
50	53.8	3.3	0.9	67	50.6	4.9	1.3	70.2	6	245
65	67	4.2	1.4	83.8	63.2	6.1	2	87.6	6	122
80	79.1	4.9	2	98.7	74.7	7.1	2.82	103.1	6	104
100	101.7	6.3	3.4	126.9	96.1	9.1	4.76	132.5	6	67
125	125	7.6	5.2	155.4	117.6	11.3	7.35	162.8	6	45
150	142.7	8.8	6.8	177.9	134.7	12.8	9.6	185.9	6	33
175	180.4	9.9	9.7	220	171.4	14.4	13.8	229	6	18
200	203.1	11.1	12.34	247.5	192.9	16.2	17.4	257.7	6	15
225	225.8	12.3	15.53	275	214.4	18	22.9	286.4	6	8
250	252.9	13.8	18	308	240.1	20.2	25	320.8	6	8
300	284.5	15.5	24	346.5	270.2	22.7	36	360.9	6	6
350	320.6	17.5	27	390.5	304.5	25.5	48	406.5	6	6
375	361.3	19.7	35	439.9	343.1	28.8	50	458.1	6	6



PVC-U BORECASING SOLVENT WELD (SWJ) (AS/NZ 1477)



Borecasing is a specialised PVC pressure pipe offered to the mining industry. The cased section of any well usually forms a lining or casing for a water bore drilled vertically into the ground and houses the pump, drawing water from the source aquifer to the pump and seals the aquifer from contamination from adjacent zones. In this application, resistance to crushing rather than internal pressure is the key requirement, so the primary consideration is pipe wall thickness for high stiffness.

CLASS 9					CLASS 12				
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
100	114.3	104.7	4.8	2.6	101.7	6.3	3.4	6	67
125	140.2	128.4	5.9	4	125	7.6	5.2	6	38
150	160.2	146.8	6.7	5.2	142.6	8.8	6.8	6	24
155	168.2	154.2	7	NA	149.2	9.5	NA	6	18
177	177.5				157.9	9.8	8	6	18
200	225.3	208.5	8.4	9.45	203.1	11.1	12.34	6	18
225	250.4	231.8	9.3	11.8	225.8	12.3	15.53	6	8
250	280.4	259.4	10.5	15	252.9	13.8	18	6	8
300	315.5	292.0	11.8	17	284.5	15.5	24	6	6
350	355.5	329.0	13.3	20	320.6	17.5	27	6	6
375	400.5	370.8	14.9	27	361.3	19.7	35	6	6

CLASS 18					
NOM size (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
100	96.1	9.1	4.76	6	67
125	118.2	11	7.35	6	38
150	135.2	12.5	9.6	6	24
155				6	18
177	148.7	14.4	11.7	6	18
200	192.9	16.2	17.4	6	18
225	214.4	18.0	22.9	6	8
250	240.1	20.2	25	6	8
300	270.2	22.7	36	6	6
350	304.5	25.5	48	6	6
375	343.1	28.8	50	6	6



PVC-U STORMWATER SOLID WALL (SWJ) (AS/NZS1254)



Authorities and contractors recognise the cost effectiveness and advantages of long lengths, ease of handling, installation and the proven performance of PVC pipes for stormwater applications. Plascorp™ storm water pipes are available in sizes ranging from 75mm to 300 mm. Plascorps™ storm water grade of PVC pipe is manufactured in accordance with AS/NZS 1254.

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
75	75.1	72.1	1.5	0.6	6	122
90	90.1	87.1	1.5	0.67	6	104
90 HD	90.1	86.7	1.7	0.8	6	104
90 XHD	90.1	86.3	1.9	1	6	104
150	160.3	154.5	2.9	2.25	6	33
175	200.3	193.1	3.6	3.33	6	24
225	250	241	4.5	5.54	6	11
300	315	304	5.5	9	6	

PVC-U DWV SOLID WALL (SWJ) (AS/NZS1260)



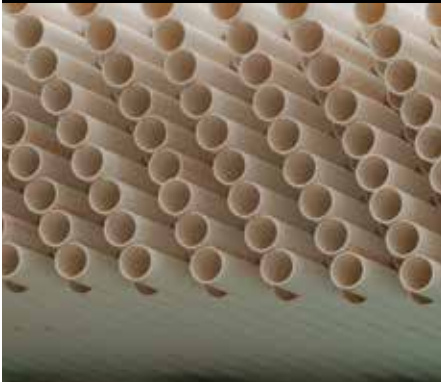
Manufactured according to AS/NZS 1260 Plascorps™ DWV (Drain Waste & Vent) is one of the most comprehensive on the market with a full range from 40mm to 225mm in diameter. PVC-U is the predominant material used in DWV applications in Australia.

The advantages of PVC in DWV applications are well accepted, being lightweight, resistant to a wide variety of chemicals, do not support combustion (are approved for multi-storey plumbing in conjunction with approved fire stop collars), they are impervious to bacterial and fungal attack and are not subject to electrolytic corrosion.

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
40	42.9	38.9	2	0.35	6	306
50	55.85	51.45	2.2	0.44	6	254
65	68.85	63.45	2.7	0.93	6	171
80	82.5	76.7	2.9	1.21	6	113
100 SN6	110.2	104.2	3	1.53	6	67
150 SN4	160.25	152.25	4	3.33	6	33
150 SN8	160.25	149.85	5.2	4.25	6	33
225 SN4	250.35	238.15	6.1	6.1	6	11
225 SN8	250.35	233.95	8.2	10	6	11
300 SN4	315	299.6	7.7	13.03	6	6
300 SN8	315	294.2	10.4	16	6	6



PVC-U VACUUM PIPE (SWJ)



A pipe subjected to or vacuum internally is subject to a potential stability problem and can undergo a form of unstable collapse if the pressure is sufficiently high, through buckling of the pipe wall. Plascorp™ are proven specialists in the manufacture of vacuum pipe for the installation of ducted vacuum systems throughout Australia.

Our vacuum pipe is available in various diameters and lengths for added flexibility. With an ultra-smooth internal surface Plascorps™ vacuum pipe offers improved air flow in addition to ensuring minimal material hang-up in operation.

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
50	50.8	47.8	1.5	0.4	2.5 & 4	200

PVC-U ELECTRICAL CONDUIT SOLVENT WELD (SWJ) (AS/NZS2053)



Plascorp™ offers a range of electrical conduit and ducting, manufactured in accordance with AS/NZS 2053, suitable for both commercial and domestic applications. PVC is ideally suited for electrical conduits, both for above and below ground cables as it is non-conductive, lightweight and easy to install.

These conduits are used in buried applications and in buildings either fully exposed or encased in concrete floors. Whilst AS/NZS determines the most common length at 4m long, Plascorp™ has the ability to manufacture custom lengths to suit customer application requirements.

ELECTRICAL CONDUIT - MEDIUM DUTY-GREY					ELECTRICAL CONDUIT - HEAVY DUTY-ORANGE				
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
20	19.85	17.45	1.75	0.17	15.05	2.4	0.19	4	600
25	24.85	20.95	1.95	0.2	19.65	2.6	0.26	4	600
32	31.85	27.45	2.2	0.31	26.25	2.8	0.37	4	360
40	39.85	34.75	2.55	0.52	33.45	3.2	0.52	4	270
50	49.85	43.95	2.95	0.64	42.85	3.5	0.75	4	195
63	62.85				54.85	4	1.07	4	202
80	88.9				79.3	4.8	1.87	4	104
100	114.3				102.3	6	3.08	4	67
125	140.2				125.4	7.4	4.65	4	45
150	160.3				143.3	8.5	6.13	4	33
200	225.3				206.3	9.5	14.5	4	15



COMMUNICATIONS CONDUIT

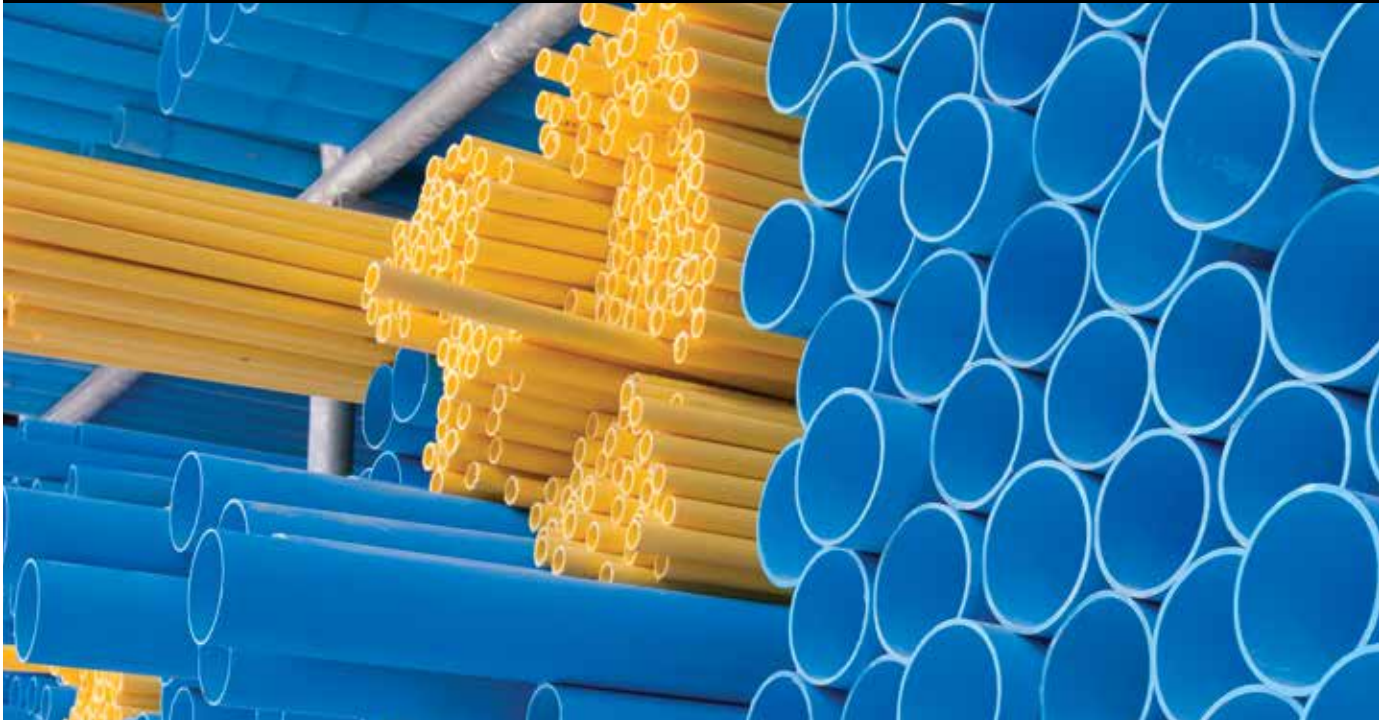


Plascorp™ rigid wall PVC conduits are used by Australia's growing telecommunications industry. PVC is ideally suited for electrical conduits, both for above and below ground cables as it is non-conductive, lightweight and easy to install. These conduits are used in buried applications and in buildings either fully exposed or encased in concrete floors.

COMMUNICATIONS CONDUIT

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
32	31.85	27.45	2.2	0.31	4	360
50	49.85	43.95	2.95	0.64	4	195
63	63	56.6	3.2	0.86	4	202
80	85.1	82.1	1.5	2.28	4	104
100	109.5	104.7	2.4	3.8	4	67

CUSTOM PVC PIPE PRODUCTS

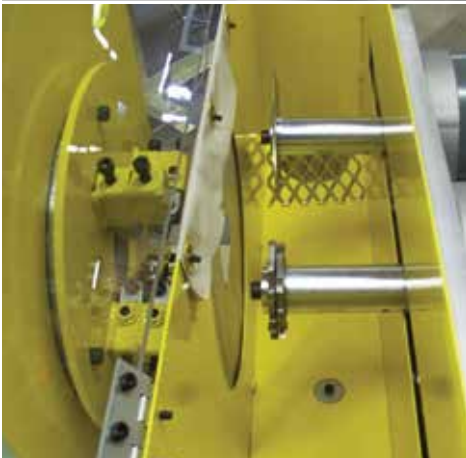
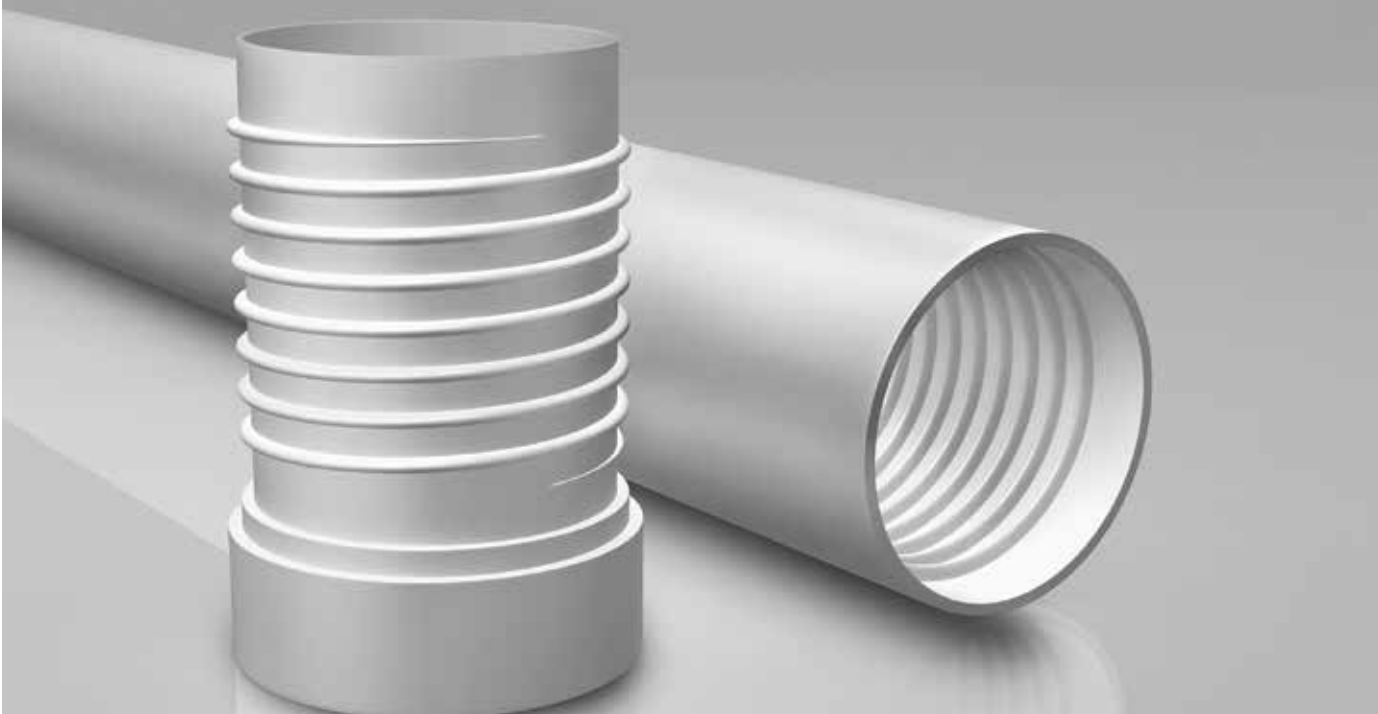


Plascorps™ customer focussed ethos extends to production flexibility allowing for custom products to be extruded with ease. Custom colours, sizes, shapes, lengths and formulations set Plascorp apart from other suppliers within the Australian market.

Experts in the extrusion of PVC and the creation of custom finished products. Combining a wealth of in-house engineering design knowledge, polymer formulation and tooling experience, Plascorp™ has the ability to bring customer and industry niche ideas to fruition.



THREADING & SLOTTING

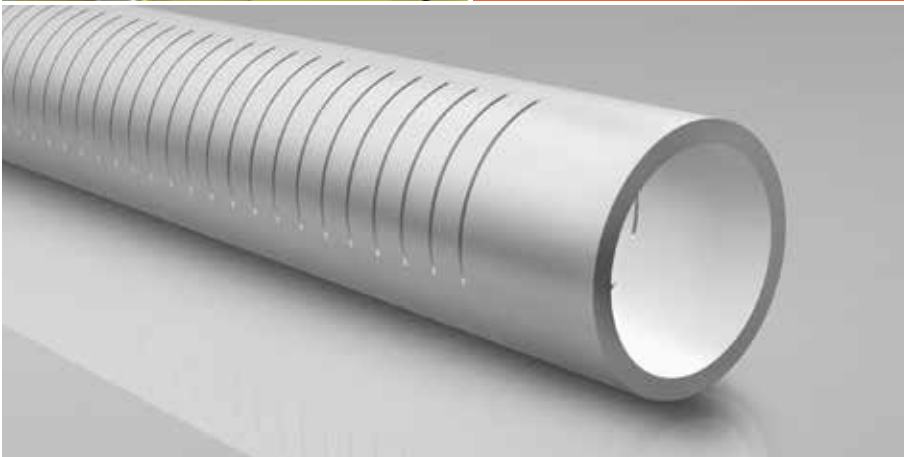


Plascorps™ PVC product range extends to machined, threaded and slotted pipe typically used for drilling and environmental monitoring applications. Modern state of the art process machinery is used to provide a consistent quality product. Perforated pipes with half or full perforations are also available and typically used for sub surface drainage. Threading also provides an alternative joining solution without the need for solvents.

Being a fully integrated manufacturer with in house manufacturing capability enables Plascorp to offer a broad product portfolio along with the opportunity to customise products to meet its client's specialised requirements.

KEY BENEFITS:

- // Custom lengths from 1m to 6m
- // Threading is available in sizes up to 315mm
- // Slotting is available in sizes up to 500mm
- // Wide selection of slot patterns and slot widths available.



DRILL CLAMPS & ELEVATORS



Plascorps™ Product offering to the drilling industry extends to Clamps and Elevators. These tools are used worldwide by well drillers, pump installers, well servicemen and environmental drillers. With an all steel construction, these tools are designed to last.

KEY BENEFITS:

- // Range of sizes available
- // Solid construction
- // Can be used with a number of different types of pipe



DRILL CLAMPS & ELEVATORS



DRILL KKLAMP

DRILL KKLAMP 1 - ADJUSTABLE 1"-2"
 DRILL KKLAMP 2 - ADJUSTABLE 2.5"-4"
 DRILL KKLAMP 3 - ADJUSTABLE 3"-6"

- // Kwik Klamp allows workers to bring pipe joint up to an easy working level
- // Easy to operate, over center locking of jaws when downward pressure is applied to lever handle
- // Larger sizes have a 1/2" safety pin used to prevent accidental unclamping
- // Can be used with an array of pipe materials



CASING ELEVATORS

DRILL 4" PVC CASING ELEVATORS
 DRILL 5" PVC CASING ELEVATORS

- // Our PVC Elevators allow safe access to your PVC casing
- // Safer than ropes, cables or loop chains
- // 1/2" lock pin and hinges
- // Fast and safe way to install bell end well casing




PVC FLUSH JOINT PIPE CLAMPS

DRILL 4" PVC JOINT PIPE CLAMP
 DRILL 5" PVC JOINT PIPE CLAMP
 DRILL 6" PVC JOINT PIPE CLAMP
 DRILL 8" PVC JOINT PIPE CLAMP

- // Our light weight and easy to handle Flush Joint Clamps for PVC pipe are developed for the environmental industry to hold PVC pipe safely
- // Proper clamp tension must be applied in order to meet or possibly exceed the load capacity
- // Load tested to over 2000 lbs. for sizes 3" - 6" PVC pipe
- // Load tested to over 3000 lbs. for sizes 8"





“Plascorp reserves the right to change specifications without prior notice or further advice. Information has been provided to assist with the selection of the Company’s product. It is recommended that the Company be contacted to assist with the selection of products for specific applications.

The Company disclaims all liability to anyone who relies on the whole or any part of the information provided in the Company’s literature and excludes all liability imposed by any statute or by the general law whether statements and representations are made negligently or otherwise except to the extent it is prevented by law from doing so.”

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