



# POLYETHYLENE PIPE & FITTINGS



**AS/NZS4130 – Polyethylene (PE) pipes  
for pressure applications**

**AS/NZS4129 – Fittings for polyethylene  
(PE) pipes for pressure applications**

Version 1.0

# WE ARE CLOVER, AN INTEGRATED PIPELINE INFRASTRUCTURE BUSINESS

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Founded by a passionate team of industry professionals, we combine strategic project consultation, product innovation and service excellence. We work with local and global partners to specify world-leading pipelines across Australia and the Asia Pacific region.

## Future facing pipeline infrastructure

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We believe in new ways of doing— and at Clover, we do things differently. We don't rest on the past, or the present, we're committed to consistent innovation that supports existing communities and establishes new ones.

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## Australia's most complete pipeline infrastructure provider.

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We partner with our clients to offer holistic design-led packages that go beyond supply and delivery—bridging the gap between the design, source and supply of pipeline infrastructure systems.

### PLAN

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Clover's inhouse engineering team combines specialist technical knowledge, creative thinking and on-the-job experience, to offer our clients a range of project planning and design consultation services.



### SOURCE

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Constantly pushing to challenge what's achievable, Clover harnesses an extensive network of product partners to bring our clients the competitive advantage that comes with choice, availability and cutting edge innovation.



### SUPPLY

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In a project based industry, timing is everything. At Clover, our approach to supply and distribution is based around a dedication to consistency, responsiveness and service excellence.



## SIZE CHART

# Pipe

POLYETHYLENE PE100 - SERIES 1 (AS/NZS 4130)								
PN	4	6.3	8	10	12.5	16	20	
SDR	41	26	21	17	13.6	11	9	
DN	Mean ID (mm)						Standard Length	
16						12.8	12.4	50 or 400 m
20					16.8	16.4	15.6	50 or 400 m
25				21.8	21.3	20.5	19.4	50, 100 or 400 m
32			28.8	28.2	27.3	26.2	24.9	50, 100 or 400 m
40			36.2	35.3	34.1	32.7	31.1	50 or 150 m
50			45.2	44.1	42.6	40.9	38.9	50 or 150 m
63		59.2	57.0	55.6	53.7	51.5	49.0	50 or 100 m
75		70.5	67.9	66.2	64.0	61.4	58.3	12, 20 or 100 m
90		84.5	81.4	79.4	76.8	73.6	70.0	12, 20 or 100 m
110	104.6	103.3	99.5	97.1	93.8	90.0	85.6	12, 20 or 100 m
125	118.9	117.4	113.1	110.3	106.6	102.3	97.2	12, 20 or 100 m
140	133.2	131.5	126.7	123.5	119.4	114.5	108.9	12 or 20 m
160	152.2	150.3	144.8	141.2	136.5	130.9	124.4	12 or 20 m
180	171.2	169.1	162.9	158.8	153.5	147.3	140.0	12 or 20 m
200	190.2	187.9	181.0	176.5	170.6	163.6	155.6	12 or 20 m
225	225	214.0	203.6	198.5	191.9	184.1	175.0	12 or 20 m
250	237.8	234.8	226.2	220.6	213.2	204.5	194.4	12 or 20 m
280	266.3	263.0	253.3	247.1	238.8	229.1	217.8	12 or 20 m
315	299.6	295.9	285.0	277.9	268.7	257.7	245.0	12 or 20 m
355	337.7	333.5	321.2	313.2	302.8	290.5	276.1	12 or 20 m
400	380.5	380.5	361.9	352.9	341.2	327.3	311.1	12 or 20 m
450	428.0	422.7	407.1	397.1	383.8	368.2	350.0	12 or 20 m
500	475.6	469.7	452.4	441.2	426.5	409.1	388.9	12 or 20 m
560	532.7	526.1	506.7	494.1	477.6	458.2	435.6	12 or 20 m
630	599.3	591.8	570.0	555.9	537.4	515.5	490.0	12 or 20 m
710	675.4	667.0	642.4	626.5	605.6	580.9	552.2	12 or 20 m
800	761.0	751.5	723.8	705.9	682.4	654.5	622.2	12 or 20 m

Nominal diameter (DN) equals outside diameter.

Contact your local Clover sales office for details on DN900 to DN2000 pipe diameters & rural pipe 3/4" - 2".

Alternate lengths available on request.

## Striping and colour coding guide

BLACK NO STRIPE
BLACK / BLUE STRIPE
BLACK / LILAC STRIPE
BLACK / YELLOW STRIPE
BLACK / RED STRIPE
LILAC
ORANGE
WHITE
WHITE

All applications except for fuel gases

Potable water

Recycled or reclaimed non-potable water

Gases under pressure

Water for fire extinguishing

Recycled or reclaimed non-potable water

Electrical conduit

Above ground pipelines

Communications conduit



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PRODUCT RANGE

# ELECTROFUSION.

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**Coupler**



**Reducing  
Coupler**



**Elbow**



**Tee**



**End Cap**



**Transition  
Coupler**



**Saddle**



**Welding  
Wipes**



**Transition  
Elbow**

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PRODUCT RANGE

# SPIGOT.

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**Stub  
Flange**



**Elbow**



**Backing  
Ring**



**Tee**



**Maxi-Stub**



**End Cap**



**Reducing  
Coupler**



**Bend**

Available in both long spigot and short spigot ranges.

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PRODUCT RANGE

# COMPRESSION.

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**Coupling**



**Tee**



**Reducing  
Coupler**



**End Cap**



**Adaptor**



**Tapping  
Saddle**



**Elbow**



**Flange  
Coupling**

Available in both Metric & Rural.

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PRODUCT RANGE

# VALVES & INSTRUMENTATION.

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**Gate**



**Isolation**



**Air**



**Check**



**Butterfly**



**Flowmeter**



**Ball**



**Knife Gate**



# FABRICATION.

Clover specialises in the supply of a complete range of high-quality custom fabricated polyethylene pipe and fittings to meet our client's specification.

- Pipe Spools
- Sweep & Segmented Bends
- Tees & Y's
- Manhole & Thrust Connectors
- Manifolds

Using the latest technology and equipment, all products are manufactured under an ISO9001 Quality Management System by fully qualified and experienced staff.

**Get in touch to find out more about our fabricated products:**

[solutions@cloverpipe.com.au](mailto:solutions@cloverpipe.com.au)

[www.cloverpipe.com.au/contact](http://www.cloverpipe.com.au/contact)



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PRODUCT RANGE

# THREADED.

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**Nipple**



**Socket**



**Reducing  
Nipple**



**Elbow**



**Reducing  
Bush**



**Tee**



**Plug**



**Threaded  
Riser**



**End Cap**

Manufactured from Polypropylene for increased strength and enhanced chemical resistance.

# TOOLS.

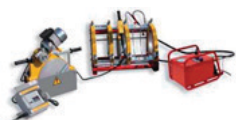
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**Electrofusion  
Welding Units**



**Pipe  
Cutters &  
Bevelers**



**Butt Fusion  
Welding Units**



**Pipe  
Re-Rounders**



**Top-Loading  
Saddle Kits**



**Alignment  
Clamps**



**Pipe  
Scrapers  
& Peelers**



**Squeeze  
Off Tools**

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