

As a W.A. owned and operated business, Acu-Tech understands the importance of providing a high quality product, with good service, to regional areas.





## ACU-RURAL - IMPERIAL PIPE SYSTEM FOR RURAL APPLICATIONS

Piping quality irrigation water is a key challenge in farming and rural areas – precisely where Acu-Tech's Acu-Rural poly pipe can come in handy. These imperial size pipes are economical and environmentally sustainable, and available to customers across the country through a wide distributor network.

High resistance to impact and weathering make Acu-Rural HDPE Pipes ideal for the most demanding applications. Lightweight coils enable fast installation with minimum joints, and also come in shorter lengths for easier repairs.

Polyethylene pipes have successfully been used in Australia's rural & irrigation market since the 1950s.

Acu-Tech supplies HDPE piping systems to the farming and rural market through established wholesalers, meaning stocks of pipe and fittings are available as close as possible to the end user. Acu-Tech can also arrange transport to regional areas, with good supply from our large stocks of standard sizes.

Acu-Rural pipe comes in imperial sizes, to suit the industry standard requirements and existing pipelines. Rural Compression Fittings are also in imperial size, although adaptors to metric sizes are also available.

### Key features and benefits:

- ¾" to 2" diameter pipe is available in 50, 150 and 200 metre coil.
- High quality pipe, made to remain robust even in harsh environments.
- Lightweight 50m coils of 1" pipe weigh only 7.5kg.
- All sizes are rated to 900 KPA (at 20°C), PN 9 (SDR 17).
- High impact strength and UV resistance guarantee a long lifespan.

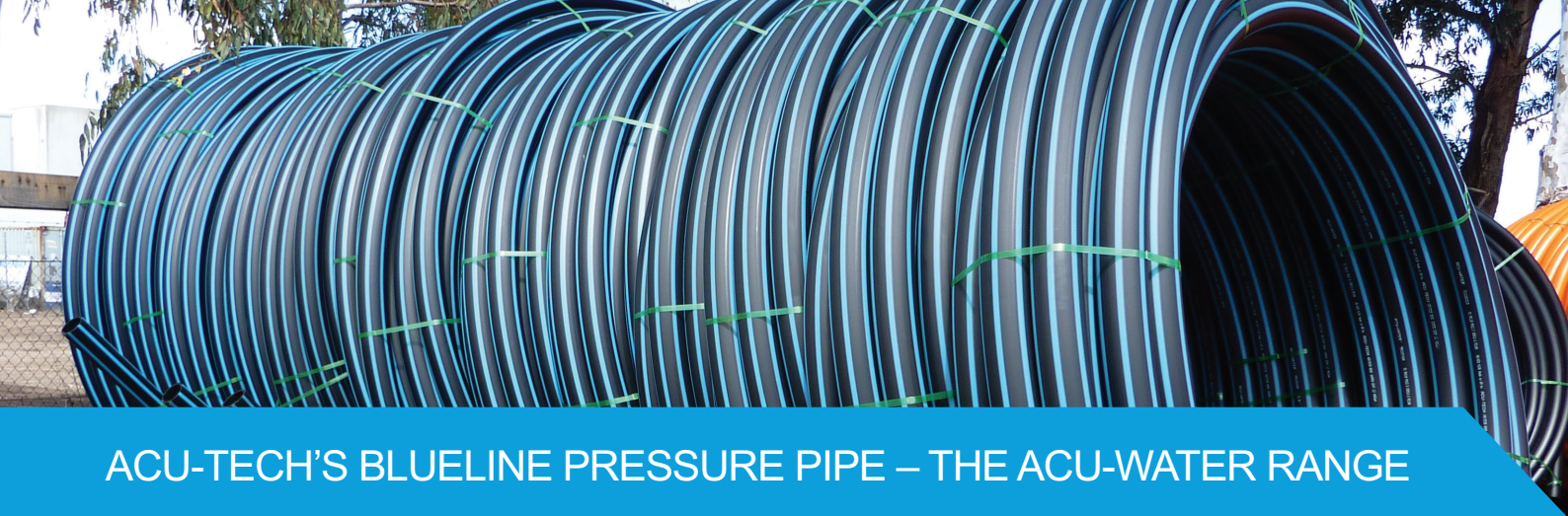
### Table of Acu-Rural Coil Sizes

DN	PRODUCT CODE	DESCRIPTION	COIL WIDTH (MM)	OUTSIDE COIL DIA (MM)	WEIGHT
¾"	RRS02017050	ACU-RURAL Red Stripe PE100 Pipe – 50m Coil	130	1275	5.5 kg
¾"	RRS02017200	ACU-RURAL Red Stripe PE100 Pipe – 200m Coil	160	1550	22 kg
1"	RRS02517050	ACU-RURAL Red Stripe PE100 Pipe – 50m Coil	150	1300	7.5 kg
1"	RRS02517200	ACU-RURAL Red Stripe PE100 Pipe – 200m Nested Coil*	260	1580	30 kg (ea.)
1 ¼"	RRS03217050	ACU-RURAL Red Stripe PE100 Pipe – 50m Coil	200	1325	11.5 kg
1 ¼"	RRS03217150	ACU-RURAL Red Stripe PE100 Pipe – 150m Nested Coil*	220	1770	34.5 kg (ea.)
1 ½"	RRS04017050	ACU-RURAL Red Stripe PE100 Pipe – 50m Coil	220	1350	16.5 kg
1 ½"	RRS04017150	ACU-RURAL Red Stripe PE100 Pipe – 150m Nested Coil*	310	1890	49.5 kg (ea.)
1 ½"	RRS04017300	ACU-RURAL Red Stripe PE100 Pipe – 300m Coil	450	1600	99 kg
2"	RRS05017100	ACU-RURAL Red Stripe PE100 Pipe – 100m Nested Coil*	370	2050	57 kg (ea.)
2"	RRS05017200	ACU-RURAL Red Stripe PE100 Pipe – 200m Coil	370	1580	114 kg

\*NOTE: To save space and transport costs, larger coils are supplied as 'Nested'.

These products must be ordered in 2's – one coil will be strapped inside the other.





## ACU-TECH’S BLUELINE PRESSURE PIPE – THE ACU-WATER RANGE

Acu-Tech’s range of metric Blueline Poly Pipe is suitable for pressurized systems when installed according to AS 3500.1:2003 “Water services” and is Watermark Certified. The pipe can be used for potable water, as it is manufactured from food grade polyethylene raw material. Blueline pipes suit metric compression fittings, and can also be welded with electrofusion fittings or butt welding. While 50 years is the minimum design life, experts believe that a correctly designed and installed HDPE pipe system will last for at least 100 years.

Acu-Tech PE100 pipe has high flow capacity due to smooth bore and long lengths/end-to-end jointing. PE100 material does not corrode or tuberculate and maintains its flow capability over time. It does not rust, rot, pit, or corrode when in contact with drinking water or approved chemicals, and the smooth ID resists build up or scaling. PE100 does not normally support the growth of, nor is affected by, algae, bacteria or fungi. Acu-Tech HDPE pipe is extremely tough and flexible. It can be field bent to a radius 25 times the nominal pipe diameter (SDR11 and SDR17 ≥ 20°C).

20mm to 110mm diameter pipe is available in 50, 100, 150 and 200 metre coils. Larger diameters and custom lengths can be coiled to order. 25mm to 630mm diameter is generally available in 6 and 12 metre lengths. Pipe lengths up to 22 metres are made to order. Pipe is also available with other colour stripes to indicate the fluid in the pipeline.

### Key features and benefits:

- Has a high flow capacity and does not corrode.
- Easy to install – suits metric compression fittings.
- Pressure pipe made to Australian Standards.

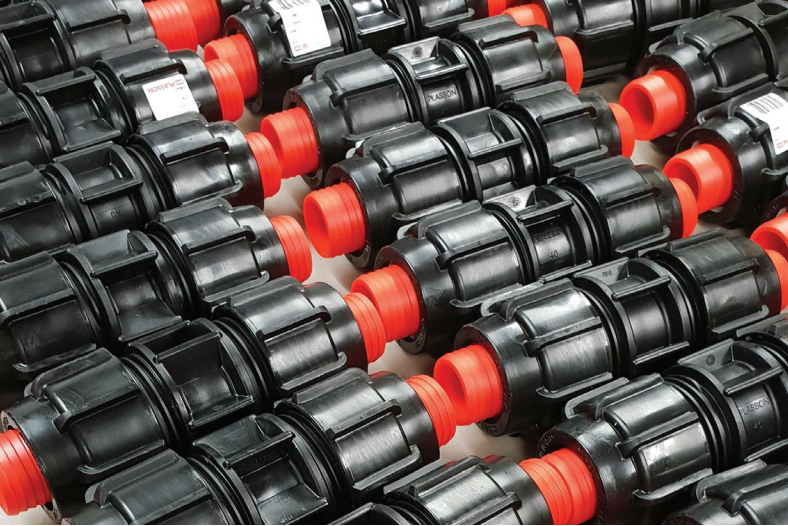
### Table of Acu-Water Coil Sizes

DN	DESCRIPTION	PN 10 SDR 17	PN 12.5 SDR 13.6	PN 16 SDR 11	WEIGHT
20 mm	Acu-Water Blueline Poly PE100 Pipe	-	50 & 200m Coils	50 & 200m Coils	0.1 kg/m
25 mm	Acu-Water Blueline Poly PE100 Pipe	-	50 & 200m Coils	50 & 200m Coils	0.2 kg/m
32 mm	Acu-Water Blueline Poly PE100 Pipe	-	200m Coil	50 & 100m Coils	0.3 kg/m
40 mm	Acu-Water Blueline Poly PE100 Pipe	-	50 & 150m Coils	50 & 100m Coils	0.4 kg/m
50 mm	Acu-Water Blueline Poly PE100 Pipe	100m Coil	50 & 150m Coils	50 & 100m Coils	0.7 kg/m
63 mm	Acu-Water Blueline Poly PE100 Pipe	100m Coil	100m Coil	100m Coil	1 kg/m
75 mm	Acu-Water Blueline Poly PE100 Pipe	100m Coil	100m Coil	100m Coil	1.25 kg/m
90 mm	Acu-Water Blueline Poly PE100 Pipe	100m Coil	100m Coil	100m Coil	1.5 kg/m
110 mm	Acu-Water Blueline Poly PE100 Pipe	100m Coil	100m Coil	100m Coil	2.7 kg/m

\*NOTE: For more sizes and dimensions of coils, visit our website at [www.acu-tech.com.au/systems/acu-water/](http://www.acu-tech.com.au/systems/acu-water/) or call us on 1300 270 270.







## Imperial Size Compression Fittings for Rural Application

Plasson Rural Fittings are designed specifically for the Australian outback. They have distinctive longer red barbs for reliable pipe joins and they are also a hand-tightened fitting. Plasson pipe fittings are made for jointing, reduction and repair. Couplings, 90° Tees, Reducing Tees, 90° Elbows and 45° Elbows all come with male or female BSP threaded outlets. Also available are end plugs, adaptor fittings and imperial to metric conversion kits. Clamp Saddles and Tapping Saddles are also available. Acu-Tech has Plasson compression fittings in stock, and equipment and accessories for sale.

## Acu-Therm – White coated pipe for better heat tolerance

For above ground pipelines or temporary water supply, Acu-Therm (25mm to 800mm OD) Pipe is the perfect match. This PE Pressure pipe has a co-extruded, highly reflective white coating on the outside to minimise solar heating of the pipe and its contents. Testing has demonstrated that this simple colour change can contribute more than 50% reduction in heat. This provides cost savings in both material and through increased flow rates.



If you need advice or guidance, we're here to help. Acu-Tech Piping Systems' sales team have extensive experience in the supply of water pipeline installations. We encourage you to tap into this wealth of knowledge for advice and guidance. Our Sales Office is ready to take your call on 08 9238 8000 and will ensure that your enquiry is dealt with promptly.