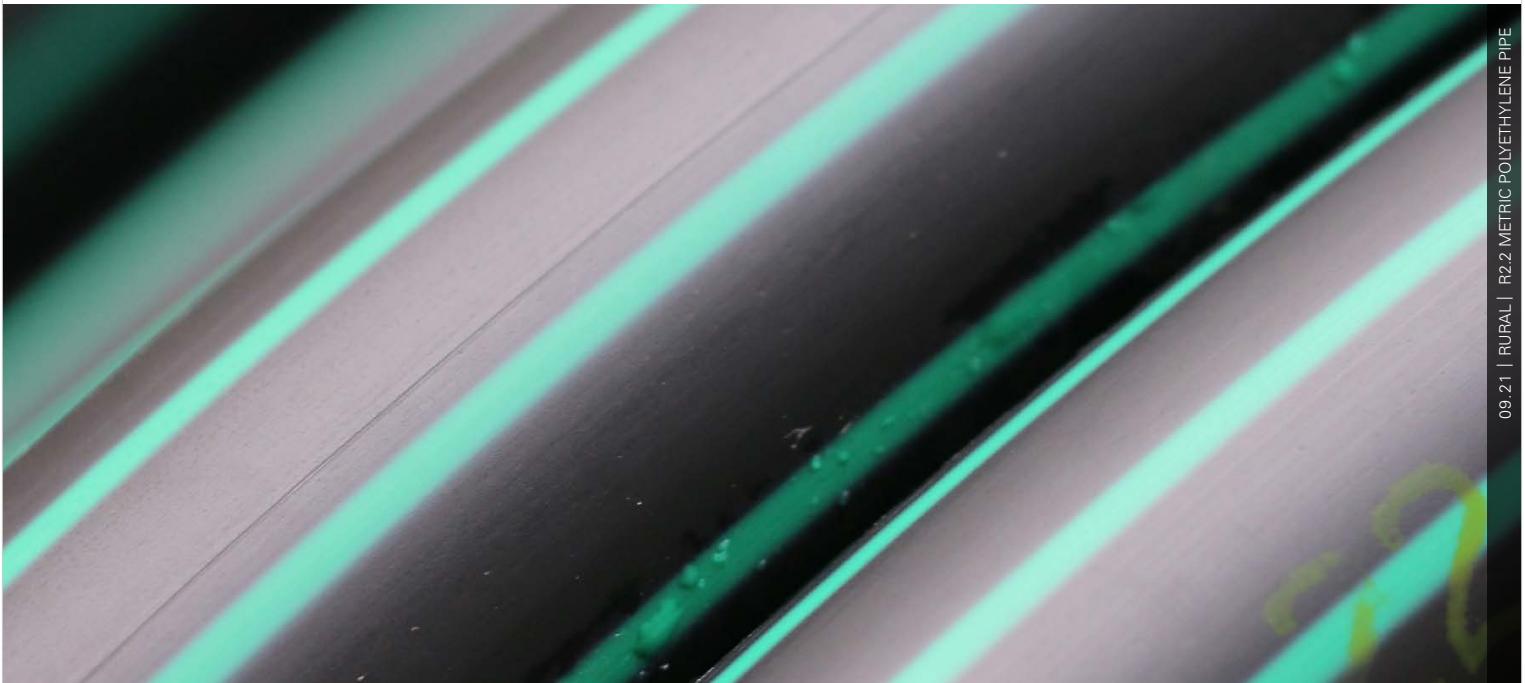


# Metric Polyethylene Pipe

Technical Guide R2.2

Strong, durable and extremely versatile Metric Polyethylene Pipe is the ideal pipe for rural and urban water supply and reticulation.



09.21 | RURAL | R2.2 METRIC POLYETHYLENE PIPE

## Applications

Rural water reticulation

## Product Attributes

Durable

Versatile

Flexible

Up to 12.5 Bar Rating

## Quality

ISO 9001:2008 Quality

Management Standard

*We are the supply partner of choice for New Zealand's rural industry, specialising in water and infrastructure based solutions.*



Strong, durable and extremely versatile Metric Polyethylene Pipe is the ideal pipe for rural and urban water supply and reticulation.

**TABLE 1 Farmflow Greenstripe 8Bar**

Code	Outside Diameter	Coil Size (m)
RPE32.8.050	32 mm	50 m
RPE32.8.100	32 mm	100 m
RPE32.8.200	32 mm	200 m
RPE40.8.050	40 mm	50 m
RPE40.8.100	40 mm	100 m
RPE40.8.200	40 mm	200 m
RPE50.8.050	50 mm	50 m
RPE50.8.100	50 mm	100 m
RPE50.8.200	50 mm	200 m
RPE63.8.050	63 mm	50 m
RPE63.8.100	63 mm	100 m
RPE63.8.200	63 mm	200 m
RPE75.8.050	75 mm	50 m
RPE75.8.100	75 mm	100 m
RPE75.8.200	75 mm	200 m

**Note:** Other sizes, coil lengths and pressure ratings available, contact your local branch for details

**TABLE 2 Farmflow Redstripe 10Bar**

Code	Outside Diameter	Coil Size (m)
RPE25.10.050	25 mm	50 m
RPE25.10.100	25 mm	100 m
RPE25.10.200	25 mm	200 m
RPE32.10.050	32 mm	50 m
RPE32.10.100	32 mm	100 m
RPE32.10.200	32 mm	200 m
RPE40.10.050	40 mm	50 m
RPE40.10.100	40 mm	100 m
RPE40.10.200	40 mm	200 m
RPE50.10.050	50 mm	50 m
RPE50.10.100	50 mm	100 m
RPE50.10.200	50 mm	200 m
RPE63.10.050	63 mm	50 m
RPE63.10.100	63 mm	100 m
RPE63.10.200	63 mm	200 m
RPE75.10.050	75 mm	50 m
RPE75.10.100	75 mm	100 m
RPE75.10.200	75 mm	200 m

**Note:** Other sizes, coil lengths and pressure ratings available, contact your local branch for details

Type	Pressure Ratings	Pipe Size OD (Outside Diameter) (mm)								Coil Size ( in Meters)				
		20	25	32	40	50	63	75	90	110	25	50	100	200
Greenstripe	6.3 - 9	√	√	√	√	√	√					√	√	√
Redstripe	9 – 12.5	√	√	√	√	√	√					√	√	√
Rural Black	12.5			√	√	√	√	√	√	√	√	√	√	√
Blackline PN16	16		√	√	√	√	√	√	√	√	√	√	√	√
Blackline HPPN20	20						√	√	√	√	√	√	√	√
Blackline HPPN25	25						√	√	√	√	√	√	√	√

### Greenstripe Metric Piping Features

- Bigger bore size compared with traditional low density pipe
- Medium density polyethylene pipe that is light-weight, strong, durable and flexible
- More Flow of water per metre
- Connects to existing piping systems using standard threaded fitting
- Also suitable for use with in-line bloat dispensing systems
- Sold in coils only
- Easily identified by a single GREEN stripe

### Redstripe Metric Piping Features

- Designed for higher pressure capabilities
- PE80B medium density polyethylene pipe maintains consistent pressure rating across a range of diameters
- Suitable for use in urban and rural water supplies
- Flexible, easy to handle and install
- Also suitable for use with in-line bloat dispensing systems
- Easily identified by a single RED stripe

### Rural Black MDPE Pressure Pipe Features

- Reliable and economical system that can achieve a constant 12.5 bar pressure rating across the range of diameters
- Suitable for use in urban and rural water supplies
- Connects easily to other pipe systems through the use of BSP threaded fitting or a Plasson universal coupling
- Also suitable for use with in-line bloat dispensing systems
- Easily identified by a three permanent BLUE stripes

### Blackline HPPE Pressure Pipe Features

- Blackline is a metric pipe made from PE100 high performance polyethylene (HPPE) to international standards
- Available in 16, 20, and 25 bar pressure ratings which are able to be achieved across the range.
- Also suitable for use with in-line bloat dispensing systems
- Easily identified by a three permanent BLUE stripes

The Hynds branch network stock a full range of metric compression fittings and associated accessories

**Branches Nationwide** *Support Office & Technical Services 09 274 0316*

**Disclaimer:** While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.