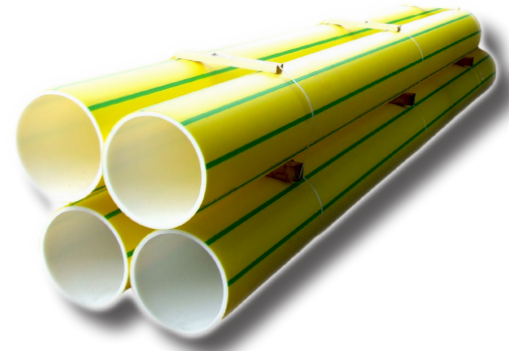



## Large Diameter SDR 26 ProFuse For 18 & 24" Iron Mains Replacement

Introducing Radius Systems' large diameter ProFuse pipes and fittings specifically designed for installation using mains insertion techniques. This range of pipes and fittings has been designed to increase site operational efficiencies whilst maintaining the gas carrying capacity of the network.



### Product Information

- Designed for insertion into 18 & 24" metallic mains
- Suitable for both pushing and pulling techniques
- SDR 26 maximises internal diameter of replacement pipe whilst maintaining maximum operating pressure of 2 bar
- Comprehensive range of transition fittings available enabling compatibility with the ProFuse SDR 21 range
- 440mm ProFuse pipe offers an alternative to swagelining when replacing 18" metallic mains
- Maximum operating pressure of 2 bar (gauge) with a safety factor of 4
- Lightweight pipe means easier on-site handling and reduces both the cost and the carbon footprint across the whole supply chain
- Full Kitemark certification to GIS/PL2-2:2008  GIS/PL2-2:2008



Change from SDR 21 to SDR 26 and benefit from a 6% increase in network capacity or a 9% reduction in head loss for every km you lay!

Nominal Diameter	Maximum External Diameter	Mean Internal Diameter	Nominal Pipe Weight Per Metre	Insertion Iron Mains
440mm	445.0mm	405.7mm	24.0 kg	18"
560mm	565.8mm	516.3mm	38.0 kg	24"

## Pipe and Fittings Range:

Product	Mains Insertion		
	440mm	560mm	
ProFuse PE100 SDR 26 Pipe	440mm	560mm	
6m Length	✓	✓	
12m Length	✓	✓	
18m Length	✓	✓	
Tapping and Purge Tees	440mm	560mm	
32mm Tapping Tee		✓	
63mm Tapping Tee	✓	✓	
32mm Purge Tee		✓	
63mm Purge Tee	✓	✓	
Couplers	450mm	560mm	630mm
Coupler * complete with insert to expand to 450mm	✓*	✓	✓
Mitred Bends	450mm	560mm	630mm
Mitred Bend 11.25° ProFuse (SDR 21)	✓		✓
Mitred Bend 22.5° ProFuse (SDR 21)	✓		✓
Mitred Bend 45° ProFuse (SDR 21)	✓		✓
Mitred Bend 90° ProFuse (SDR 21)	✓		✓
Tees	450mm	560mm	630mm
450mm Equal Tee (SDR 21)	✓		
630mm Equal Tee (SDR 21)			✓
450mm x 180mm Unequal Tee (SDR 17.6 PE80)	✓		
630mm x 180mm Unequal Tee (SDR 17.6 PE80)			✓
450mm x 315mm Unequal Tee (SDR 21)	✓		
630mm x 315mm Unequal Tee (SDR 21)			✓
Flange Adaptors	450mm	560mm	630mm
450mm (SDR 21) x 400 NP16	✓		
450mm (SDR 21) x 450 NP16	✓		
Reducers	450mm	560mm	630mm
450mm x 400mm (SDR 21 x SDR 21)	✓		
450mm x 315mm (SDR 21 x SDR 21)	✓		
630mm x 560mm (SDR 21 x SDR 26)			✓
End Caps	450mm	560mm	630mm
450mm ProFuse (SDR 21)	✓		
630mm ProFuse (SDR 21)			✓
Branch Saddles	450mm (SDR 21)	560mm (SDR 26)	630mm (SDR 21)
150 NP16 Branch Saddle	✓	✓	✓

NB. 440mm pipe system can be expanded to utilise the 450mm fittings range via the 450mm coupler and insert



### Installation Services:

Pictured here is a project for Southern Gas Networks. **300m of 440mm ProFuse pipe was supplied for sliplining an old 18" cast iron gas main in Rochester, Kent.**

**Uplus** can offer a range of services and training for the ProFuse 440 and 560mm system.

For more information on installation and training services please call UPlus on : 01773 582312

or visit [www.radius-systems.com/installation](http://www.radius-systems.com/installation)

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**Pioneers in PE Pipe Technologies**

