

# LARGE DIAMETER COUPLERS RANGE



PLASSON's unique range of Large diameter couplers allows the installer to choose the correct pressure rated fitting for the project. Designed for reliable high performance pipe joining. All fitted with 4mm pins. With a fitting to suit all pipework from SDR7.4 to SDR41 and pressures to suit all applications: Please check details for pipe SDR compatibility.

6.4 bar Super Lightfit  
10 bar Lightfit  
16 bar Standard



**Super  
LightFit  
Coupler**



**LightFit  
Coupler**



**Coupler**

Max Pressure	PN6.4	PN10	PN16
450		• 40v	• 40v
500	• 44v	• 40v	• 40v
560	• 44v	• 40v	• 40v
630	• 44v	• 40v	• 40v
710	• 44v	• 40v	• 40v
800	• 44v	• 42v	• 42v
900	• 44v	• 44v	• 56v
1000	• 44v	• 45v	• 45v
1200		• 42v	

The PLASSON range is always evolving, please ask if you require a coupler size not shown on our charts.



# FEATURES AND BENEFITS LARGE DIAMETER COUPLERS

## Electrofusion fittings for D 450 – D 1200 PE Pipe

### Insulating Weld Straps

- Prevent expansion during weld process
- Does not require tightening or intervention from the operator
- Will be loose after cooling
- Can be removed after cooling - not a structural element of the finished weld

### Product Geometry

- Extra material at areas of maximum load
- Customised profile at weld zones to improve weld quality
- Long insertion depths allow longer cold zones to help prevent melt out

### Dual Weld Zones

- Can be welded simultaneously or in a sequence. Please consult PLASSON for advice
- Allows flexibility with installation procedures

### Rising Pin Weld Indicator

- Located in the middle of strap buckles
- Tapered design prevents melt out

### Wires Embedded In Coupling

- Prevents damage during assembly
- Ensures even heat transfer during welding
- Internal machining after wire embedding to control internal diameter and provide a smooth welding surface



## Key Features

- Insulating weld straps prevent expansion during weld process
- DWI approved
- EN12201 water, EN1555 gas certified
- No requirement for preheating
- Suitable for pipes SDR7.4 to SDR41
- All made from Virgin PE
- Full range fitted with 4mm Pins
- Extensive range 450mm to 1200mm
- Coupler design optimised to suit pipe SDR rating
- Superlightfit 6.4 bar 500mm to 1000mm
- Lightfit 10 bar 40mm to 1200mm
- Standard 16 bar 20mm to 1000mm

