



# PLASSON New Branch Saddle



PLASSON  
Quality Product



Easy  
Installation



Full  
Bore

# PLASSON New Branch Saddle



PLASSON has developed a new range of innovative designed branch saddles equipped with an integrated clamping mechanism for a quick, easy and accessory free installation process.

**The new branch saddles exceed the performance requirements of the toughest national and international standards in the market.**

**Our new saddles offer an innovative design, simplifying the installation process by eliminating the need for dedicated clamping tools.**

## Single bolt

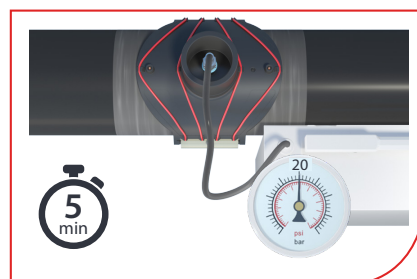
- No clamping tools.
- By tightening the bolt, the cables clamp the saddle to the pipe, ensuring a uniform high quality weld.

## Full bore

- Minimal head loss.
- SDR 11 outlet suitable for electrofusion or butt weld connections.

## Weld integrity test

- Special test port is incorporated into the saddle, enabling pressure testing of the weld prior to cutting into the pipe mains.







Catalog number	Item description	Rating	SDR computability
4958X4125110T	Branch Saddle 125X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6
4958X4140110T	Branch Saddle 140X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6
4958X4160110T	Branch Saddle 160X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6
4958X4180110T	Branch Saddle 180X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6
4958X4200110T	Branch Saddle 200X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6
4958X4225110T	Branch Saddle 225X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6
4958X4250110T	Branch Saddle 250X110	PN 16 PE 100 SDR 11	SDR 7.4 to SDR 17.6

## Design and specifications

Plasson cable saddles are designed to meet the performance requirements of various standards for PE 100 systems.

With estimated service time of over 50 years.

Plasson Cable saddles are tested and approved to meet the following standards:

ISO 4427, Part 3 ISO 4437, Part 3 EN 1555, Part 3 EN12201, Part 3 AS/NZS 4129 2020 DVGW GW 335-B2

Each saddle design and each diameter is exposed to the following performance tests:

Characteristic	Test method	Test parameters
Hydrostatic strength – Ductile failure mode (short term failure mode)	ISO 1167	Induced hoop stress: 12Mpa Duration : 100 hours Temperature: 20 c
Hydrostatic strength – Brittle failure mode (long term failure mode)	ISO 1167	Induced hoop stress: 5Mpa Duration : 1000 hours Temperature: 80 c
Hydrostatic strength – Brittle failure mode (long term failure mode)	ISO 1167	Induced hoop stress: 5.4Mpa Duration : 165 hours Temperature: 80 c
De-cohesion resistance	ISO 13956	Percentage of brittle failure de-cohesion <33.3%

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