

egeplast UK

Compression Fittings

SLA® Barrier Pipe System & Compression Fittings



Future-proofed Pipe Systems

About egeplast UK

egeplast UK manufactures and supplies PE pipe systems, fittings and related fabrications for the UK utility and construction sectors.

Innovation is at the core of our business, and we're committed to providing future-proofed pipe systems which improve environmental performance, help deliver net zero and ultimately support a better life for future generations.

Operating from state-of-the-art manufacturing facilities in Yorkshire, we have a 20-year track record in the manufacture of specialist product solutions and benefit from the financial and technical backing which comes from being part of egeplast International GmbH, a leading European manufacturing business that has been setting benchmarks for decades.

egeplast International was founded in 1908, and operates in the UK, Germany and Sweden. Its operations are accredited to ISO EN 9001 (Quality), ISO EN 1400 (Environment) and ISO EN 45001 (Health & Safety) and its products are specified in 30 countries across the world.

The egeplast SLA® Barrier Pipe

Developed by egeplast, the egeplast SLA® Barrier Pipe reliably eliminates the migration of pollutants into the drinking water. Through the use of a clever combination of the thermoplastic material properties of polyethylene, paired with the proof against diffusion of metallic materials, a pipe has been created which has made accessible a totally new area of application compared to conventional polyethylene pipes.

Introducing the SLA® Barrier Pipe Compression Fittings

Working with one of the leading manufacturers of compression fittings, PLASSON. The new SLA® compression fittings have been developed to offer a product range, that increases the flexibility of the SLA® Barrier Pipe System in sizes – 25mm, 32mm & 63mm, in a lightweight and easy to use plastic product range. Approved to BS8588, the new SLA® compression fittings offer a competitive and completely secure method to connect the SLA® Barrier Pipe System, supported by PLASSON's years of expert knowledge & experience.

Size Range	25mm, 32mm & 63mm
Fitting Type	Compression
Product Range	Adaptors, Elbows, Tees, Couplers and many more
Approvals	UK Water Reg4, BS6920, BS8588
Clear Identification	The SLA® Barrier pipe is identified by three brown stripes
Installation	Lightweight, quick and easy and no post wrapping required



SLA® Barrier Pipe Compression Fittings

A complete range of small bore pipe fittings designed to ensure complete system integrity. Guaranteed for long term performance.

Coupler Barrier



Code	Size (mm)
75020105PL	25 x 25
75030105PL	32 x 32
75060105PL	63 x 63

Coupler Barrier x Copper



Code	Size (mm)
782522C05PL	25 x 22
783228C05PL	32 x 28
786354C05PL	63 x 54

Reducing Coupler Barrier



Code	Size (mm)
78322505PL	32 x 25
78632505PL	63 x 25
78633205PL	63 x 32

Male Adaptor Barrier



PUK Code	Size (mm)
72023105PL	25 x 3/4"
72033105PL	32 x 3/4"
72031105PL	32 x 1"
72061105PL	63 x 1 1/2"
72062105PL	63 x 2"

End Plug Barrier



Code	Size (mm)
07020105PL	25
07030105PL	32
07060105PL	63

90° Elbow Barrier



Code	Size (mm)
77029105PL	25 x 25
77039105PL	32 x 32
77069105PL	63 x 63

Female Adaptor Barrier



Code	Size (mm)
73023105PL	25 x 3/4"
73021105PL	25 x 1"
73033105PL	32 x 3/4"
73031105PL	32 x 1"
73061105PL	63 x 1 1/2"
73062105PL	63 x 2"

90° Tee Barrier



Code	Size (mm)
76029105PL	25 x 25 x 25
76039105PL	32 x 32 x 32
76069105PL	63 x 63 x 63

45° Elbow Barrier



Code	Size (mm)
77064105PL	63 x 63

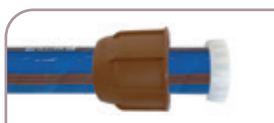
Reducing Tee Barrier



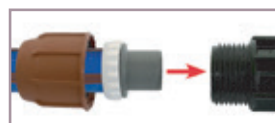
Code	Size (mm)
76032359105PL	32 x 25 x 32
76063329105PL	63 x 32 x 63



Fitting Instructions



Step 1: Remove nut and grip ring from fitting and mount brown nut onto the pipe and assemble grip ring flush with the pipe end.



Step 3: Push the plain end of the adaptor into the fitting until it meets the stop.



Step 2: Push the barbed end of the adaptor into the pipe until it meets the stop (a mallet may be required).



Step 4: Screw nut tightly towards the body of the fitting using a PLASSON wrench.

MultiFit Ferrule Straps

A smartly designed range of ferrule straps to support the market leading egeplast SLA Barrier Pipe System.

The range enables live service connection with male fitting BSP 3/4" and 1" female iron, and 25mm and 32mm compression fittings for off-takes from SLA Barrier mains pipe from 63mm up to 180mm. Providing integrity for the barrier system, the WRAS / BS 8588 approved products are available for both SDR 11 and 17 networks.

The range is manufactured from high-quality stainless steel and brass components and is designed to be light flexible and compact. The unit comes with a pre-cutter which removes swarf while cutting into the barrier pipe and significantly reduces time and effort during installation.



Key Benefits

The SLA Ferrule straps have been designed with stockists and installers in mind, and to ensure long term performance for the asset owner.



Multi size solution | Units are designed to cover multiple pipe sizes. This reduces the need for multiple products in stock and in vans to enable pipe off takes.



Easy installation | Off takes can be quickly completed in trenches, confined spaces and in the wettest of weather. Minimal tools are required to ensure successful installation.



Fully approved | Products are fully approved for use with potable water system providing long term confidence and performance for the installer and the asset owner.



Barrier integrity | Design prevents any ingress of contaminants into the water system. The self locking sleeve also prevents delamination of the barrier layer of the pipe for long term performance.



System compatible | Product range is suitable for use on SLA Barrier Pipe Systems and covers both SDR 11 and 17.



Live connections | Off takes can be completed on live networks mitigating the need for supply disruptions.

Materials

A performance range of ferrules manufactured from high quality stainless steel and brass components. Designed to be light, flexible, compact and easy to use in all site conditions, the unit comes with a pre-cutter which removes swarf whilst cutting into the barrier pipe and significantly reduces time and effort during installation.

Standards & Approvals

BS EN 8588 | Polyethylene pressure pipe with an aluminium barrier layer and associated fittings for potable water supply in contaminated land.

WRAS approved (2304524) | SLA Barrier Pipe. Extruded, triple layered pipe consisting of a black coloured PE 100 inner layer, aluminium middle layer and blue coloured (with brown coloured longitudinal stripes) PE 100 outer later. For use with water up to 23°C

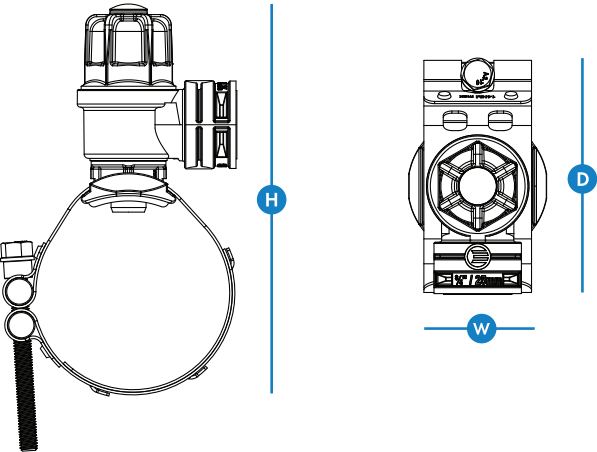


MultiFit Ferrule Straps

MultiFit Connections

Code	Description	Outlet	H (mm)	D (mm)	W (mm)	SDR	Weight (kg)
90063105MTFS	63mm x ¾" SLA Multi-fit Ferrule Strap	¾"	150	124	64	11	0.7
9090123105MTFS	90-125mm x ¾" SLA Multi-fit Ferrule Strap	¾"	178	135	64	11/17	0.8
9016183105MTFS	160-180mm x ¾" SLA Multi-fit Ferrule Strap	¾"	248	179	64	11/17	0.8
90061105MTFS	63mm x 1" SLA Multi-fit Ferrule Strap	1"	179	132	64	11	1.1
9090121105MTFS	90-125mm x 1" SLA Multi-fit Ferrule Strap	1"	206	142	64	11/17	1.1
9016181105MTFS	160-180mm x 1" SLA Multi-fit Ferrule Strap	1"	276	178	64	11/17	1.2

Note: The new MultiFit ferrule straps can replace the traditional Gunmetal Self Tapping Saddles and Ferrules. These products are due to be discontinued. For further information please contact customer service.



One fitting covers multiple sizes

Pipe Size	Ferrule Size
63mm	63mm
90mm	90-125mm
110mm	
125mm	
160mm	180mm
180mm	







Contact us

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