

ATLANTA
HDPE PRESSURE PIPES
ADVANCE PUSHFIT COMPRESSION FITTINGS
NON LOOSE COMPONENT (NLC)



**Advance
Leak-Proof
Push Fit Technology**

PRODUCT FEATURES

- User and environmental friendly
- Reduced maintenance and handling cost
- Harmless to human and environment.
- Fully new version of appearance and mechanical system.
- Lightweight & easy handling
- Corrosion resistant, harmless and no chemical reaction.
- 2.5 times safety factor performance.

SCAN & VISIT OUR WEBSITE



Advance Leak-Proof Push Fit Technology

Non Loose Component (NLC)



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- Reduce maintenance and handling cost
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Product Features

- Fully new version of appearance and mechanical system.
- Lightweight & easy handling
- Corrosion resistant, harmless and no chemical reaction.
- 2.5 times safety factor performance.

Feel The Connection

- Ergonomics structure gives comfortable feels during installation handling.
- Minimum strength required for tightening installation by user.
- No sharp edges that cause injury to user.
- Reduce the installation difficulties by using smooth fit & twist concept.

Installation Method

- Mechanical

Application

- House connection & service lines
- Water distribution system
- High End Irrigation
- Industrial
- Mining



COMPRESSION JOINT OUTLET
(PE TO PE CONNECTION)



COMPRESSION JOINT OUTLET
(PE TO METAL CONNECTION)



SINGLE OUTLET

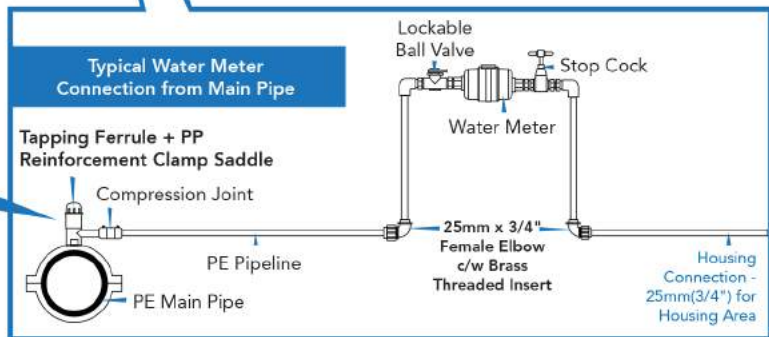
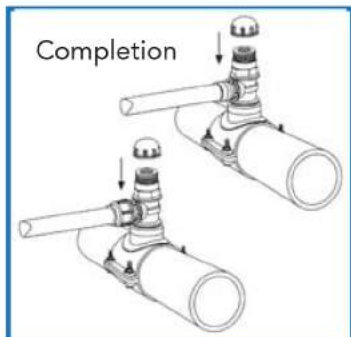
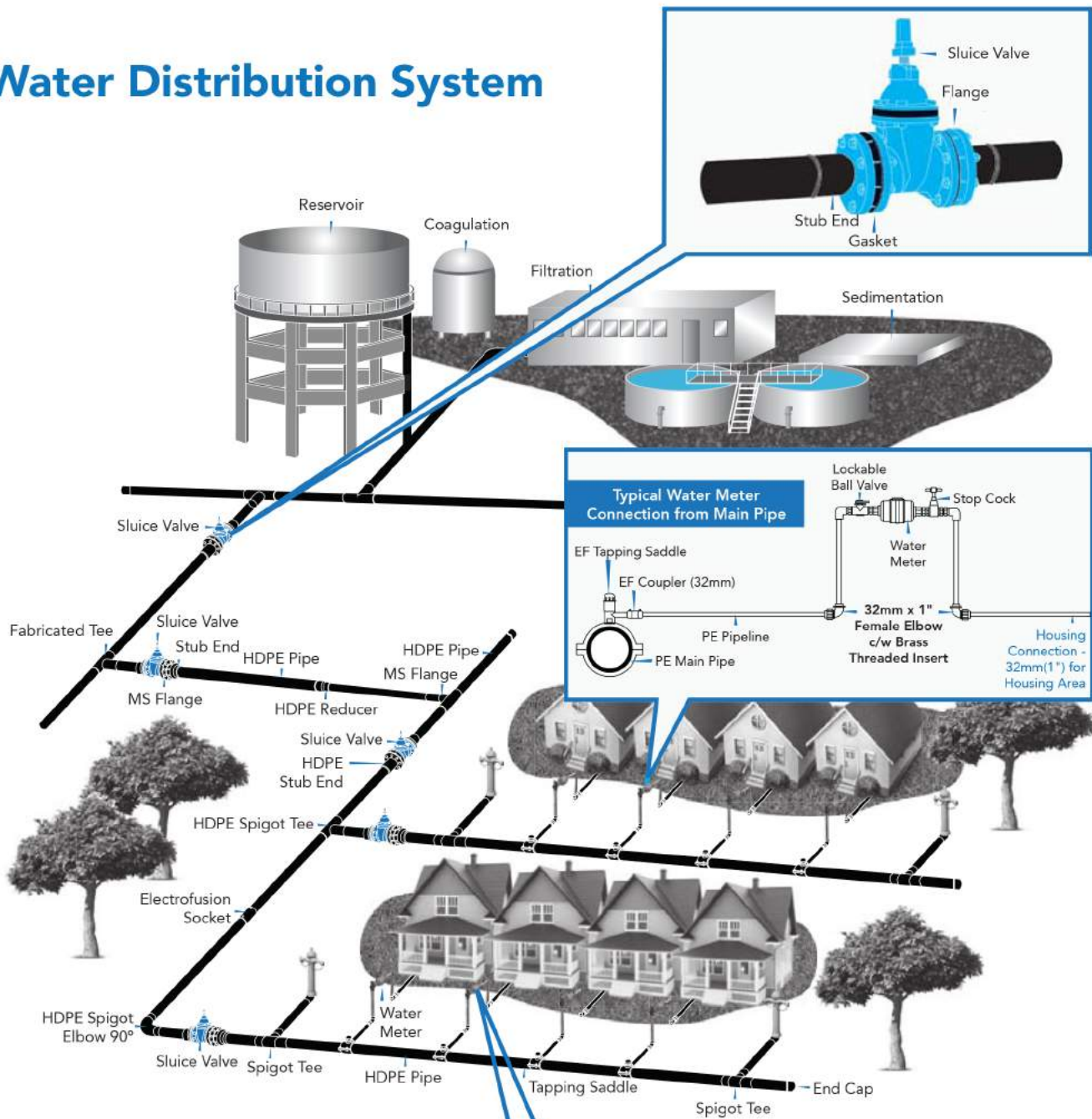
LIVE TAPPING FERRULES

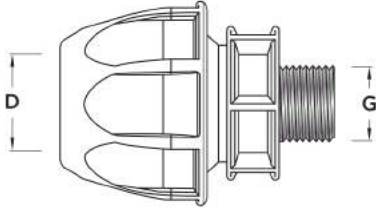
- ⊙ Simple and quick setup with no water flow disruption
- ⊙ Threaded and compression outlets are available.
- ⊙ Specially designed with an integrated valve and cutter for wet and high-pressure pipe tapping.
- ⊙ Sizes range from 1 inch to 1 1/4 inches

CLAMP SADDLES

- ⊙ Suitable for installation on Polyethylene (PE) pipe in accordance with ISO 4427.
- ⊙ NBR Gasket Engineered Design
- ⊙ Sizes range from 63 to 110 mm.

Water Distribution System

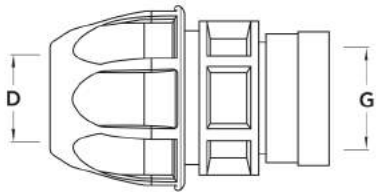




Male Threaded Adaptor

size D(mm) x G(inch)	size D(mm) x G(inch)
20 x 1/2"	*50 x 1-1/4"
20 x 3/4"	*50 x 1-1/2"
25 x 1/2"	*50 x 2"
25 x 3/4"	*63 x 1-1/2"
25 x 1"	*63 x 2"
32 x 1/2"	*63 x 2-1/2"
32 x 3/4"	*75 x 2-1/2"
32 x 1"	*90 x 3"
*40 x 1"	*110 x 4"
*40 x 1-1/4"	
*40 x 1-1/2"	

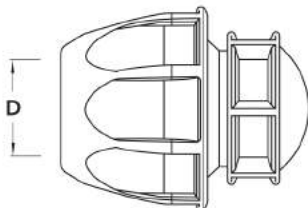
* BSP Taper Male Threaded



Female Threaded Adaptor

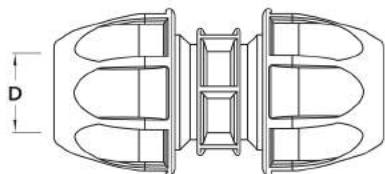
size D(mm) x G(inch)	size D(mm) x G(inch)
20 x 1/2"	*50 x 1-1/4"
20 x 3/4"	*50 x 1-1/2"
25 x 1/2"	*63 x 2"
25 x 3/4"	*75 x 2"
25 x 1"	*75 x 2-1/2"
32 x 3/4"	*90 x 3"
32 x 1"	*110 x 4"
*40 x 1"	
*40 x 1-1/4"	
*40 x 1-1/2"	

* Come With Reinforced Stainless Steel Ring Cap
* BSP Taper Male Threaded



End Cap

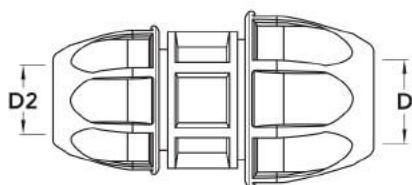
size mm	size mm
20	75
25	90
32	110
40	
50	
63	



Straight Coupler

size mm
20 x 20
25 x 25
32 x 32
40 x 40
50 x 50
63 x 63

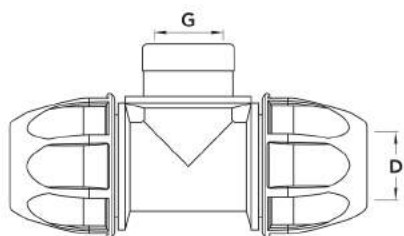
size mm
75 x 75
90 x 90
110 x 110



Reducing Coupler

size D(mm) x D2(mm)
25 x 20
32 x 20
32 x 25
40 x 20
40 x 25
40 x 32
50 x 20
50 x 25
50 x 32
50 x 40

size Da(mm) x D2(mm)
63 x 25
63 x 32
63 x 40
63 x 50
75 x 50
75 x 63
90 x 63
90 x 75

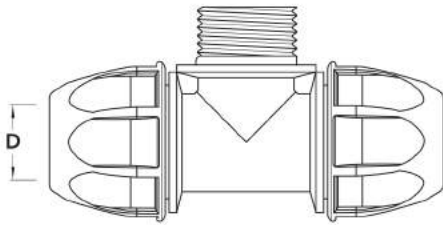


Female Tee

size D(mm) x G(inch)
20 x 1/2"
20 x 3/4"
25 x 1/2"
25 x 3/4"
25 x 1"
32 x 3/4"
32 x 1"
*40 x 1"
*40 x 1-1/4"
*40 x 1-1/2"

size D(mm) x G(inch)
*50 x 1-1/4"
*50 x 1-1/2"
*50 x 2"
*63 x 2"
*75 x 2"
*75 x 2-1/2"
*90 x 3"
*110 x 4"

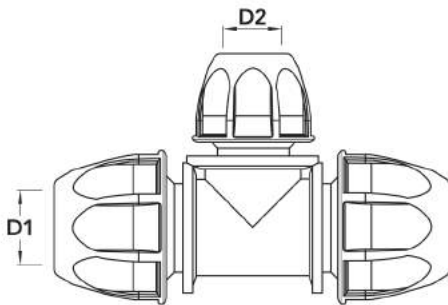
* Come With Reinforced Stainless Steel Ring Cap
* BSP Taper Male Threaded



Male Tee

size mm
20
25
32
*40
*50
*63
*75
*90
*110

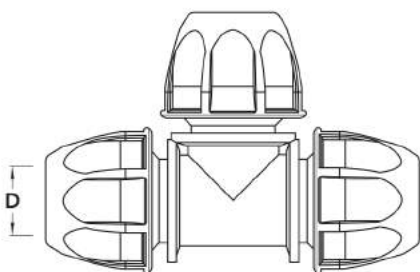
* BSP Taper Male Threaded



Reducing Tee

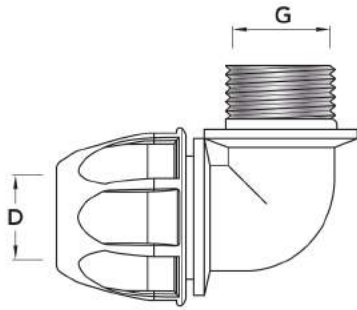
size D1 x D2(mm)
25 x 20
32 x 20
32 x 25
40 x 25
40 x 32
50 x 20
50 x 25
50 x 32
50 x 40

size D1 x D2(mm)
63 x 25
63 x 32
63 x 40
63 x 50
75 x 50
75 x 63
90 x 63
90 x 75



Equal Tee

size mm
20
25
32
40
50
63
75
90
110

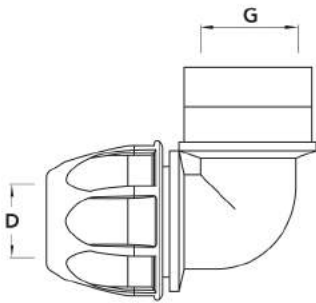


Male Elbow 90°

size D(mm) x G(inch)
20 x 1/2"
20 x 3/4"
25 x 1/2"
25 x 3/4"
25 x 1"
32 x 3/4"
32 x 1"
40 x 1"
40 x 1-1/4"
40 x 1-1/2"

size D(mm) x G(inch)
50 x 1-1/4"
50 x 1-1/2"
63 x 2"
75 x 2"
75 x 2-1/2"
90 x 2"

* BSP Taper Male Threaded



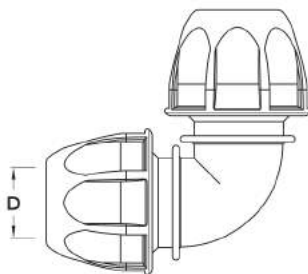
Female Elbow 90°

size D(mm) x G(inch)
20 x 1/2"
20 x 3/4"
25 x 1/2"
25 x 3/4"
25 x 1"
32 x 3/4"
32 x 1"
40 x 1"
40 x 1-1/4"

size D(mm) x G(inch)
50 x 1-1/4"
50 x 1-1/2"
63 x 2"
75 x 2"
75 x 2-1/2"
90 x 3"

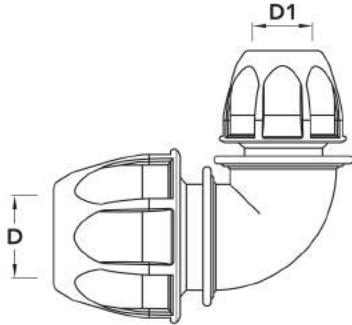
* Come With Reinforced Stainless Steel Ring Cap

* BSP Taper Male Threaded



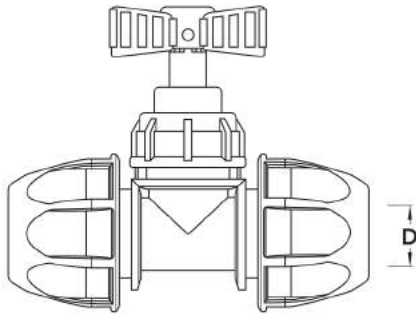
Equal Elbow 90°

size mm
20
25
32
40
50
63
75
90
110



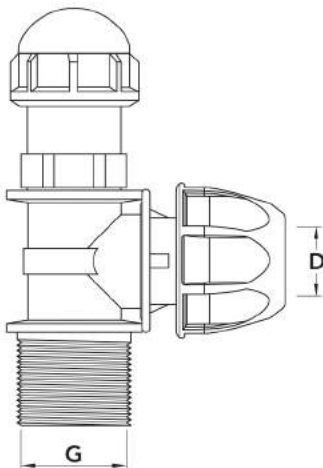
Reducing Elbow

size D(mm) x D1(mm)
25 x 20
32 x 20
32 x 25
50 x 25
50 x 32



Gate Valve

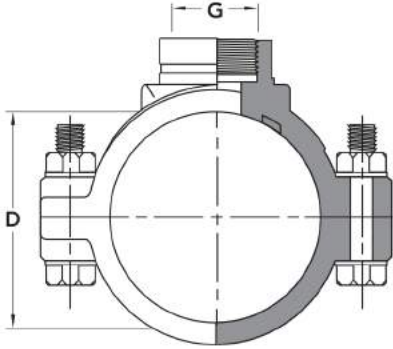
size mm
20
25
32v



**Tapping Ferrule
(PE Pipe Connector)**

size G(inch) x D(mm)
1" x 20
1" x 25
1" x 32
1-1/4" x 20
1-1/4" x 25
1-1/4" x 32

Saddle Clamp



size D(mm) x G(in)	No. Bolt & Nuts
63mm x 1/2"	4
63mm x 3/4"	4
63mm x 1"	4
63mm x 1-1/4"	4
75mm x 1/2"	4
75mm x 3/4"	4
75mm x 1"	4
75mm x 1-1/4"	4
75mm x 1-1/2"	4
90mm x 1/2"	4
90mm x 3/4"	4
90mm x 1"	4
110mm x 1/2"	4
110mm x 3/4"	4
110mm x 1"	4
110mm x 1-1/4"	4
110mm x 1-1/2"	4
110mm x 2"	4



Rubber Gasket



O-Ring



Flange

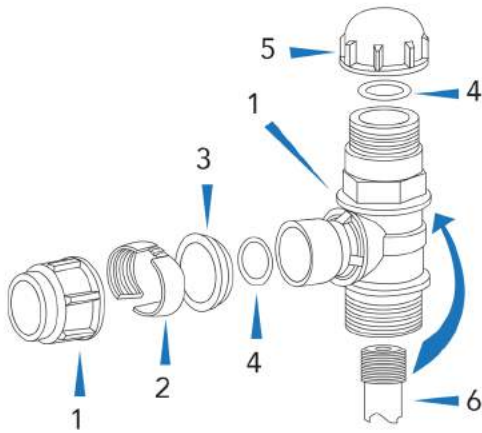
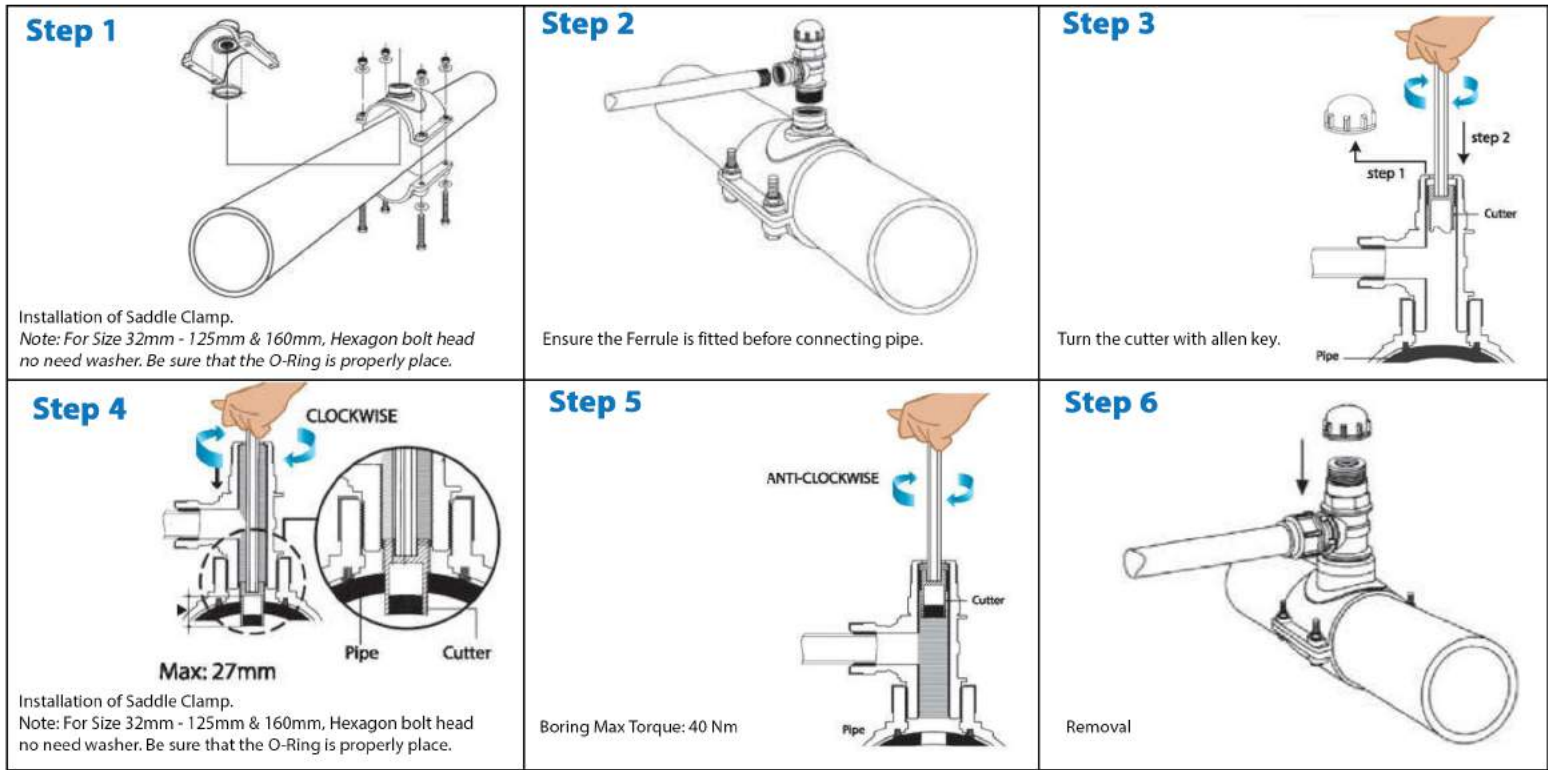
size mm
63
75

PE - PE Connection

For PE Pipes Connection
Branch outlet size (mm)
20, 25, 32



- Ferrule - working pressure: PN16, safety factor: 2.5 times
- Clamp Saddle - working pressure: PN16, safety factor: 1.5 times
- Build in Cutter
- Mechanical Type - Economic
- Fast Installation - save energy
- Able to IMPROVE NON REVENUE WATER (NRW) Performance



for PE Pipes Connection

MATERIAL COMPOSITION

PP Tapping Ferrule

- 1 Body, cap & nut - (PP) High Performance Polypropylene
- 2 Clinching / Clip ring - Polyacetal
- 3 Pusher (If applicable) - (PP) High Performance Polypropylene
- 4 Rubber O'ring - (NBR) nitrile butadiene rubber / (EPDM) Ethylene Propylene Rubber
- 5 Ring cap - Stainless steel or equivalent
- 6 Cutter - Carbon steel, zinc plated / Stainless Steel

MATERIAL COMPOSITION

PP Clamp Saddles

- 1 Body - (PP) High Performance Polypropylene
- 2 Rubber O'ring / Gasket - (NBR) nitrile butadiene rubber
- 3 Ring cap - Stainless Steel or equivalent
- 4 Bolt, nuts & washer - Galvanised or Stainless Steel (optional)
- 5 PP Threaded Fittings - (PP) High Performance Polypropylene



Step 1 - Cutting The Pipe

Inspect and remove any damages found within the surface of the pipe. Cut the pipe squarely with the use of a pipe cutter; Ensure that the end of the pipe is even & flat.



Step 2 - Mark The Pipe To Ensure Its Insertion Depth

Unscrew & loosen the nut in preparation for pipe insertion.



Step 3 - Pipe Insertion

Insert the pipe by pushing it into the fitting until the end of the pipe reaches the stopper, this must be done until the pipe can no longer be pushed inwards.

Note: Check if the pipe is completely inserted within the fitting by inspecting the insertion depth marking.



Step 4 - Tightening the Nut

Carefully tighten the nut by twisting the nut clockwise.



Step 5 - Fully Installed

The whole installation process is complete. Check the pipe connection.

Reminder:

- Make sure the pipe size matching with the compression fittings size.
- Only allowable for PE and PPR jointing
- Make sure the end

