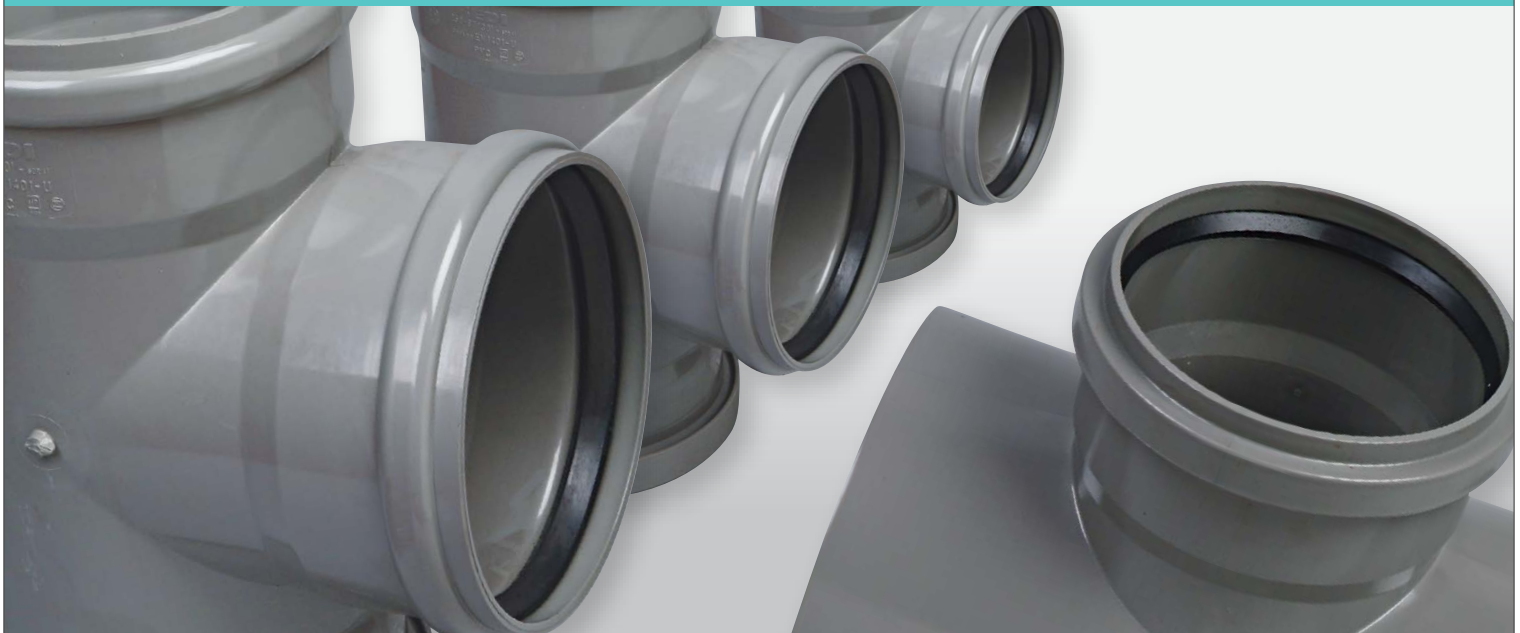


# Large Bore PVC Fittings

A range of large bore PVC pipe fittings in both Sleeve Joint (SJ) and Rubber Ring Joint (RJ).



TECHNICAL GUIDE: **PF11.1**

## Applications

Suitable for low pressure PVC pipe systems 175 - 300mm Nominal Bore (200 - 315mm OD)

## Product Attributes

Injection moulded giving added strength, no joins or fabrication

Both socket and rubber ring joints, available in F/F & M/F configuration

Smooth bore provides low resistance to flows

## Approvals/Standards

Fittings manufactured in accordance with European Standards EN 1401-1:1198, NF EN 1329, and NF T54-030

Suits the requirements of AS/NZS 1254

## Quality

ISO 9001:2008 Quality Management System

## A range of large bore PVC pipe fittings in both Sleeve Joint (SJ) and Rubber Ring Joint (RJ).

### Applications

- Suitable for joining plain end PVC drainage pipes.
- Gravity stormwater or wastewater systems.
- Suits the requirements of AS/NZS 1254

### Features

- Strength and Stiffness is achieved from Injection moulding. There are no joins or fabrication. This will produce a SN6 fitting according to AS/NZS 1260. Clause 1.6 in AS/NZS 1260 states:

*"Injection-moulded plain wall fittings are designated Class SN6. These fittings are suitable for use in systems using classes up to and including SN16 plain wall or sandwich construction pipe".*

This is based on the fact that the geometry of the fittings results in a much higher stiffness than for a straight pipe. In addition the pipe that is inserted into the socket further stiffens the fittings.

### Joining Systems

- Both joining systems, sleeve and rubber ring, available in F/F & M/F configuration.

### Easy to install

- All male spigots are factory bevelled for easy positive insertion in female sockets. Non-mechanical fitting, no special tools required.
- Solvent cement sockets are parallel fit to allow for easy assembly

**Note:** A heavy duty, gap filling, solvent cement should always be used on parallel fit PVC pipe fittings.

### Lubricant & Solvents

- We recommend the use of Oatey pipe lubricant and solvent cements.

### Environment

- Designed for underground sewer and drainage systems.
- Protection required for use above ground in direct sunlight.

### Testing

- Leak testing  
Random factory leak testing carried out in accordance with EN 1401-1:1998 standard.
- Strength Testing  
Random factory strength testing carried out in accordance with EN 1401-1:1998 standard.

### Design Specifications

- Standards  
Fittings manufactured in accordance with European standard EN 1401-1:1198 for PVC sewer and drain fittings, this standard meets and exceeds the AS/NZS 1260:2002 standard for PVC DWV fittings.
- REDI PVC fittings comply with the dimensional requirements of the NF EN 1329 and NF T 54-030 standards.

**TABLE 1** Product Range

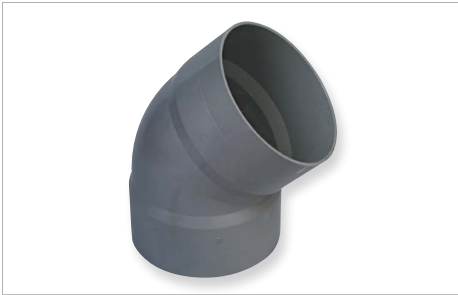
<b>Product Code</b>	<b>Description</b>	<b>Ref to fig</b>
1511S.175	Slip Coupler Ø175 DWV RJ	1
1511S.225	Slip Coupler Ø225 DWV RJ	1
1511S.300	Slip Coupler Ø300 DWV RJ	1
1523.175.100	Level Invert Reducer Ø175-100 DWV RJ	2
1523.175.150	Level Invert Reducer Ø175-150 DWV RJ	2
1523.225.100	Level Invert Reducer Ø225-100 DWV RJ	2
1523.225.150	Level Invert Reducer Ø225-150 DWV RJ	2
1523.225.175	Level Invert Reducer Ø225-175 DWV RJ	2
1523.300.150	Level Invert Reducer Ø300-150 DWV RJ	2
1523.300.225	Level Invert Reducer Ø300-225 DWV RJ	2
701.175.45I	Bend PVC Ø175 45° Injection Moulded SW F&F SOE	3
701.175.88I	Bend PVC Ø175 88° Injection Moulded SW F&F SOE	3
701.225.45I	Bend PVC Ø225 45° Injection Moulded SW F&F SOE	3
701.225.88I	Bend PVC Ø225 88° Injection Moulded SW F&F SOE	3
701.300.45I	Bend PVC Ø300 45° Injection Moulded SW F&F SOE	3
701.300.88I	Bend PVC Ø300 88° Injection Moulded SW F&F SOE	3
704.175.45I	Wye Equal Ø175 45° Injection Moulded SW F&F SOE	4
704.175.88I	Tee Equal Ø175 88° Injection Moulded SW F&F SOE	4
704.225.45I	Wye Equal Ø225 45° Injection Moulded SW F&F SOE	4
704.225.45IR	Wye Equal Ø225 45° Injection Moulded SW F&F SOE	4
704.225.88I	Tee Equal Ø225 88° Injection Moulded SW F&F SOE	4
704.300.45I	Wye Equal Ø300 45° Injection Moulded SW F&F SOE	4
704.300.88I	Tee Equal Ø300 88° Injection Moulded SW F&F SOE	4
710S.175I	Slip Coupler Ø175 Injection Moulded SW SOE	5
710S.225I	Slip Coupler Ø225 Injection Moulded SW SOE	5
710S.300I	Slip Coupler Ø300 Injection Moulded SW SOE	5
723.175.150I	Level Invert Reducer Ø175-150 Injection Moulded SW SOE	7
723.225.150I	Level Invert Reducer Ø225-150 Injection Moulded SW SOE	7
723.225.175I	Level Invert Reducer Ø225-175 Injection Moulded SW SOE	7
723.300.175I	Level Invert Reducer Ø300-175 Injection Moulded SW SOE	7
723.300.225I	Level Invert Reducer Ø300-225 Injection Moulded SW SOE	7
737.175I	Push on Cap Ø175 Injection Moulded SW SOE	6
737.225I	Push on Cap Ø225 Injection Moulded SW SOE	6
737.300I	Push on Cap Ø300 Injection Moulded SW SOE	6
771.175.45I	Bend PVC Ø175 45° Injection Moulded SW M&F SOE	3
771.225.88I	Bend PVC Ø225 88° Injection Moulded SW M&F SOE	3
771.300.88I	Bend PVC Ø300 88° Injection Moulded SW M&F SOE	3
774.175.100.45I	Wye Reducing Ø175-100 45° Injection Moulded SW M&F SOE	8
774.175.150.45I	Wye Reducing Ø175-150 45° Injection Moulded SW M&F SOE	8
774.225.150.45I	Wye Reducing Ø225-150 45° Injection Moulded SW M&F SOE	8
774.225.45I	Wye Equal Ø225 45° Injection Moulded SW M&F SOE	8
774.225.88I	Tee Equal Ø225 88° Injection Moulded SW M&F SOE	8



**FIG. 1** Slip Coupler DWV RJ



**FIG. 2** Level Invert Reducer DWV RJ



**FIG. 3** Bend 45° Stormwater F/F SOE



**FIG. 4** Reducing Wye 45° Stormwater F/F SOE



**FIG. 5** Slip Coupler Stormwater SOE



**FIG. 6** Push on Cap Stormwater SOE



**FIG. 7** Level Invert Reducer Stormwater FF SOE



**FIG. 8** Reducing Wye 45° Stormwater M/F SOE



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