



# Australian Plastic Profiles Pty Ltd

## PRODUCT APPRAISAL REPORT PA 1522 Issue 3

PIPE KING™ PVC-U DWV Pipes and Fittings

**AS/NZS 1260:2017 – PVC-U pipes and fittings for drain, waste and vent applications**

**WMTS-006:2014 –Reflux Valves-Sewerage**

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## Peer Reviewers

Name/Title	Organisation	Date
Product Appraisal Technical Advisory Group	WSAA	2 September 2016
WSAA Expert Panel	WSAA	26 August 2016
Carl Radford, Product Appraisal Manager	WSAA	12 August 2016
Peter Pittard, WSAA Consultant	WSAA	18 April 2018
Carl Radford, Product Appraisal Manager	WSAA	20 April 2018
Peter Pittard, WSAA Consultant	WSAA	13 December 2021
Carl Radford, Product Appraisal Manager	WSAA	13 December 2021

## Overview of WSAA

The Water Services Association of Australia (WSAA) is the peak industry body representing the urban water industry. Our members provide water and sewerage services to over 20 million customers in Australia and New Zealand and many of Australia's largest industrial and commercial enterprises.

Based around our vision of 'customer driven, enriching life', WSAA facilitates collaboration, knowledge sharing, networking and cooperation within the urban water industry. We are proud of the collegiate attitude of our members which has led to industry-wide approaches to national water issues.

WSAA can demonstrate success in the standardisation of industry performance monitoring and benchmarking, as well as many research outcomes of national significance. The WSAA Executive retains strong links with policy makers and legislative bodies and their influencers, to monitor emerging issues of importance to the urban water industry.

WSAA was formed in 1995 as a non-profit organisation to foster the exchange of information between industry, government and the community, and to promote sustainable water resource management.

The urban water industry is committed to anchoring its services to customers' values, and to enrich communities where water services have broad economic, environmental and social values. In line with this our main activities focus on four areas:

1. influencing national and state policies on the provision of urban water services and sustainable water resource management
2. promoting debate on environmentally sustainable development and management of water resources and the community health requirements of public water supplies
3. improving industry performance and establishing benchmarks and industry leading practices for water service processes; and
4. fostering the exchange of information on education, training, research, water and wastewater management and treatment and other matters of common interest.

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## 1 EXECUTIVE SUMMARY

Australian Plastic Profiles Pty Ltd (APP) is a company specialising in the manufacture of PVC profiles for a variety of businesses including a range of PIPE KING™ PVC-U pipes and fittings for drain, waste and vent (DWV) applications.

This appraisal is for a range of PIPE KING PVC-U DWV pipes and fittings manufactured in conformance with AS/NZS 1260:2017 *PVC-U pipes and fittings for drain, waste and vent applications* and a DN 100 Reflux Valve manufactured in conformance with WMTS-006:2014 *Reflux Valves-Sewerage*.

The products covered by this Appraisal are:

- Foam core sandwich construction solvent cement joint (SCJ) PVC DWV pipes in sizes DN 100, DN 150, DN 225 and DN 300 with minimum SN10 stiffness rating for DN 100 and SN8 stiffness rating for larger sizes. Pipes are available with 3m or 6m lengths depending on size.
- Foam core sandwich construction rubber ring joint (RRJ) PVC DWV pipes in sizes DN 150 and DN 225 with minimum SN8 stiffness rating. Pipes are available with 3m lengths.
- Injection moulded plain wall PVC DWV fittings for solvent cement jointing in sizes DN 100 and DN 150. The minimum wall thickness of the fittings is in compliance with AS/NZS 1260 which advises that the fittings are suitable for use in systems using pipes up to SN16.
- Injection moulded DN 100 Reflux Valves with solvent cement jointing.

Specific details of the product range covered by this Appraisal are included in Sections 3 and 4.

Australian Plastic Profiles Pty Ltd holds an ISO 9001:2015 Quality Management System.

PVC-U DWV pipes and fittings are covered by an ISO Type 5 StandardsMark product certification licence to AS/NZS 1260:2017 *PVC-U pipes and fittings for drain, waste and vent applications* and the reflux valve is covered by WaterMark Level 1 Certificate of Conformity to WMTS 006:2014 *Reflux valves – Sewerage*.

This Appraisal has determined that PIPE KING PVC-U DWV pipes and fittings, as detailed in this report, meet the requirements of WSA PS 230 *Polyvinyl Chloride, Unplasticised (PVC-U) Pipes and Fittings for Non-Pressure Applications – Sewerage and Drainage* and WSA PS 280 *Reflux valves – Sewerage* and are considered as 'fit-for-purpose'.

### 1.1 Recommendations

It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise the PIPE KING range of PVC-U DWV pipes, fittings and reflux valve, as detailed in this report, for use in non-pressure wastewater applications provided the design, installation and acceptance testing are in accordance with the relevant WSAA codes, Australian Standards and manufacturer's requirements.

## 2 THE APPLICANT

The Applicant is Australian Plastic Profiles Pty Ltd.

### 2.1 The Manufacturer and Supplier

Australian Plastic Profiles Pty Ltd (APP), established in 1972, is a 100% Australian owned company that manufactures and distributes plastic injection mouldings and extruded products from polymers for the plumbing, electrical and building industries.

APP has manufacturing facilities in Sydney and sales offices and warehouses located throughout Australia. See Appendix C.

### 3 THE PRODUCT

This appraisal is for a range of PIPE KING PVC-U DWV pipes and fittings manufactured in conformance with AS/NZS 1260:2017 *PVC-U pipes and fittings for drain, waste and vent applications* and a DN 100 Reflux Valve manufactured in conformance with WMTS-006:2014 *Reflux Valves-Sewerage*.

The products covered by this Appraisal are:

- Foam core sandwich construction solvent cement joint (SCJ) PVC DWV pipes in sizes DN 100, DN 150, DN 225 and DN 300 with minimum SN10 stiffness rating for DN 100 and SN8 stiffness rating for larger sizes. Pipes are available with 3m or 6m lengths depending on size.
- Foam core sandwich construction rubber ring joint (RRJ) PVC DWV pipes in sizes DN 150 and DN 225 with minimum SN8 stiffness rating. Pipes are available with 3m lengths.
- Injection moulded plain wall PVC DWV fittings for solvent cement jointing in sizes DN 100 and DN 150. The minimum wall thickness of the fittings is in compliance with AS/NZS 1260 which advises that the fittings are suitable for use in systems using pipes up to SN16.
- Injection moulded DN 100 Reflux Valves with solvent cement joints.

The Pipe King DN100 reflux valve incorporates a standard screw on cap. The flap is mounted in the base of the body on a removable forked bracket that locates above the waterway, allowing the whole assembly to be removed for cleaning or maintenance through a DN 150 riser installed above the valve.

WMTS 006 specifies that the waterway must allow free passage for a ball of 0.9 times the maximum bore of the pipe with no protrusions into the waterway.

The flap valve reflux action is provided using a Grade 316 stainless steel hinge pin located on the forked bracket.

PIPE KING PVC-U DWV pipes do not contain any compounds based on lead, cadmium or mercury. The recycled PVC-U material used in the core of the sandwich construction pipe has no traces of the above-mentioned elements.

### 4 SCOPE OF THE APPRAISAL

The Scope of this Appraisal includes PIPE KING solvent cement joint and elastomeric seal joint foam core sandwich construction PVC-U DWV pipes in sizes DN 100 to DN 300, plain wall solvent cement joint PVC-U DWV moulded fittings in sizes DN 100 and DN 150 and a DN 100 reflux valve, as detailed in Tables 1 – 3 and included in the ISO Type 5 StandardsMark Product Certification schedule included in Appendix B.

**TABLE 1**  
**PVC-U DWV PIPE – SOLVENT CEMENT JOINT (SCJ)**

Product Code	DN	Stiffness Rating	Effective Length (m)	Type
DWV100SN10SC6M	100	SN10	6	Foam Core Sandwich Construction
DWV150SN8SC3M	150	SN8	3	
DWV150SN8SC6M	150	SN8	6	
DWV225SN8SC3M	225	SN8	3	
DWV225SN8SC6M	225	SN8	6	
DWV300SN8SC3M	300	SN8	3	

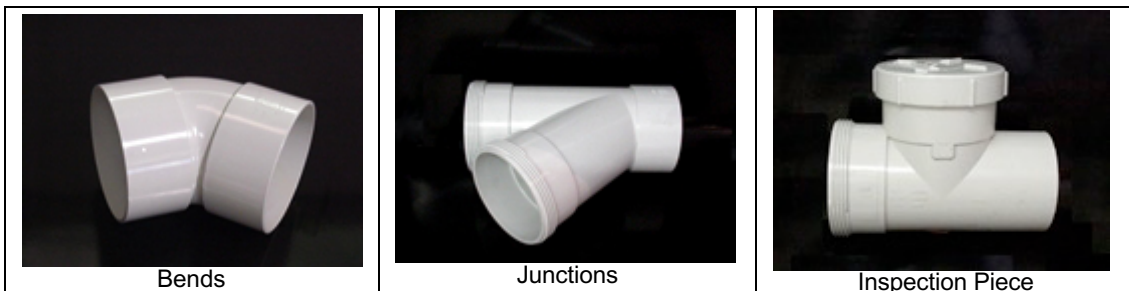
**TABLE 2 PVC-U DWV PIPE – RUBBER RING JOINT (RRJ)**

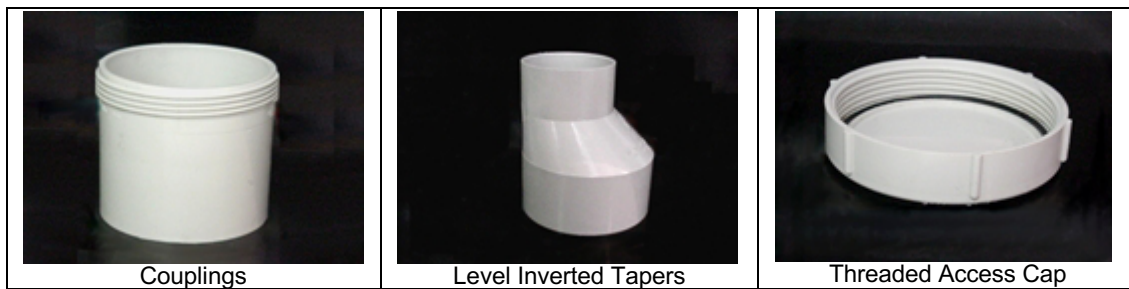
Product Code	DN	Stiffness Rating	Effective Length (m)	Type
DWV150SN8SC3MRRJ	150	SN8	3	Foam Core Sandwich Construction
DWV225SN8SC3MRRJ	225	SN8	3	

**TABLE 3  
DWV PVC-U FITTINGS – SOLVENT CEMENT JOINT (SCJ)**

Nominal Size (DN)	Product Description
100	Bends, F&F, 5°, 15°, 30°, 45°, 60° 88°
100	Bends M&F, 5°, 15°, 30°, 45°, 60°, 88°
100	Inspection Opening Bend 88° F&F
100	Dust Cap
100	Junction F&F, 45°, 88°
100	Push-on Cap
100	Coupling Threaded
100	Threaded Access Cap
150	Bends F&, 45°, 88°
150	Bends M&F, 45°, 88°
150 - 100	Level Invert Taper
150	Coupling
150 - 100	Socket Reducer

See Appendix A for further details





**FIGURE 1 TYPICAL PIPE KING FITTINGS**

## 5 APPRAISAL CRITERIA

### 5.1 Quality Assurance Requirements

The WSAA Product Appraisal Technical Advisory Group accepts PVC-U DWV pipes and fittings manufactured in compliance with AS/NZS 1260:2017 *PVC-U pipes and fittings for drain, waste and vent applications* duly certified by means of an ISO Type 5 product certification scheme undertaken by a JAS-ANZ accredited Conformity Assessment Body (CAB) or by an international accreditation system recognised by JAS-ANZ.

The WSAA Product Appraisal Technical Advisory Group accepts plastics bodied reflux valves manufactured in compliance with WMTS 006:2014 *Reflux valves – Sewerage* and duly certified by means of an ISO Type 3 product certification scheme undertaken by a JAS-ANZ accredited Conformity Assessment Body (CAB) or by an international accreditation system recognised by JAS-ANZ.

The manufacturer is generally expected to have a production management and control system that has been duly accredited in accordance with AS/NZS ISO 9001 as a prerequisite to undergoing a product certification audit.

The ISO Type 5 Product Certification Scheme shall meet the criteria described in WSA TN-08.

### 5.2 Performance Requirements

The PIPE KING range of PVC-U DWV pipes and fittings has been appraised for compliance with AS/NZS 1260:2017.

The PIPE KING injection moulded PVC-U DN 100 Reflux Valve has been appraised for compliance with WMTS 006:2014.

Appraisal criteria are also determined by the WSAA Product Appraisal Technical Advisory Group and regularly reviewed to ensure that the criteria reflect the requirements of WSAA members.

The following Product Specifications are relevant to this application:

WSA PS 230 *Polyvinylchloride, Unplasticised (PVC-U) Pipes and Fittings for Non-Pressure Applications – Sewerage and Drainage*.

WSA PS 280 *Reflux Valves – Sewerage*

Copies of the Product Specifications are available at the following link:

<https://www.wsaa.asn.au/shop/product/35716>

## 6 COMPLIANCE WITH APPRAISAL CRITERIA

### 6.1 Compliance with Quality Assurance Requirements

APP has submitted the following quality certificates:

- ISO 9001:2015 Certificate of Registration No. QEC0597 issued to Australian Plastic Profiles Pty Ltd by SAI-Global.



- AS/NZ 1260:2017 StandardsMark ISO Type 5 Product Certification Licence No. SMKP2157 issued to Australian Plastic Profiles Pty Ltd by SAI-Global.
- WMTS 006:2014 WaterMark Level 1 Certificate of Conformity No. WMK23090 issued to Pipe King by SAI-Global.
- AS/NZ 1260:2017 Best Environmental Practice Certificate No. 4008 issued to Australian Plastic Profiles Pty Ltd by Australian Certification Services Pty Ltd.

Copies of the Quality Assurance and Product Certification licences have been included in Appendix B and are also available from the WSAA.

Copies of Quality Assurance certificates have also been supplied for the major component suppliers.

## 6.2 Compliance with Performance Requirements

### 6.2.1 Type tests

Performance type test requirements specified in AS/NZS 1260:2009 were completed for the previous issue of this Appraisal Report. The tests included impact at 20°, pipe stiffness, ring flexibility, Vicat softening, diameter/wall thickness dimensions. Hydrostatic and infiltration tests for the elastomeric joints were also completed. The tests specified in the 2009 version of AS/NZS 1260 have not been changed in the 2017 version so the test results remain valid.

A hydrostatic and seating test was also completed for the reflux valve in accordance with the requirements of WMTS 006.

### 6.2.2 Elastomeric seals

The SBR seals and elastomeric seal on the reflux valve are manufactured in compliance with AS 1646 / EN 681.1 by Thai Duong Joint Stock Company Ruthimex and supplied by Gulf Rubber Australia under cover of an ISO Type 5 StandardsMark Licence. Certification details are held on file by WSAA.



**FIGURE 2 REFLUX VALVE FLAP AND SEAL**

### 6.2.3 Solvent Cement Joints

PIPE KING PVC-U DWV pipe and fittings are manufactured with tapered sockets for solvent cement jointing in accordance with AS/NZS 1260.

APP does not supply priming fluid and solvent cements.

AS/NZS 1260 nominates that solvent cement jointing is intended for use with priming fluids and gap-filling solvent cement in compliance with AS/NZS 3879.

## 7 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION

PVC-U DWV pipes and fittings have been used for many years in Australia. Experience in handling and installing the products is well established.

Design and installation instructions are provided in AS/NZS 2032 *Installation of PVC pipe systems*, AS/NZS 2566.1 *Buried flexible pipelines Part 1: Structural design* and AS/NZS 2566.2 *Buried flexible pipelines Part 2: Installation*.

POP 102 *Solvent Cement Jointing of PVC Pipe* is also available from the PIPA website at:

<https://pipa.com.au/wp-content/uploads/2021/06/PIPA-POP102-Solvent-Cement-Jointing-of-PVC-Pipe-Issue-1.3.pdf>

An Installation Guide for the PIPE KING reflux valve is included in Appendix A.

## 8 PRODUCT MARKING

PIPE KING PVC-U DWV pipe and fittings are marked in accordance with AS/NZS 1260 as follows:

- Manufacturer's name or trademark: PIPE KING
- Nominal size: e.g., DN100
- The letters PVCU:
- The letters DWV:
- The letters SC for sandwich construction:
- Class: e.g., SN8
- Date of manufacture: e.g., 210401 (i.e., 1st April 2021)
- The standard number: AS/NZS 1260
- Best Environmental Practice: BEP PVC
- Standards Mark symbol – ( >>>> )
- Licence Number: SMKP02157

The reflux valve is marked in accordance with WMTS 006 as follows:

- Manufacturers Name: PIPE KING
- WaterMark:
- Licence Number: WMKA23090
- Nominal Size: 100mm RV100
- Direction of flow:
- Batch identification:
- Material: DWV PVC
- The number of the Technical Standard: WMTS 006

## 9 PACKAGING AND TRANSPORTATION.

APP maintains procedures for packaging pipes and fittings to ensure protection from damage of the products during transportation.

The PIPE KING reflux valve is packaged individually in clear plastic bags and suitably boxed to prevent damage whilst in transit.

## 10 PRODUCT WARRANTY

The products are covered by the normal commercial and legal requirements of the *Competition and Consumer Act 2010 (Cth)*, which covers manufacture to the relevant standard, and details of Australian Plastic Profiles warranty is included in their terms and conditions of sale.

## 11 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD TESTING REPORT

PIPE KING PVC DWV pipes and fittings have been in common use within Australia for many years and are authorised for use by most major Australian Water Agencies.

A Product Appraisal Trial report was prepared by Yarra Valley Water in 2011. A copy of the report is available from WSAA.

## 12 DISCUSSION

The period over which PVC-U non-pressure pipes have been used in Australia is indicated by the first edition of AS 1260 being published in 1974 although a predecessor, AS K138, was published in 1967. Originally all PVC-U DWV pipes across the full diameter range were produced to specified minimum wall thicknesses. In 1996 this changed to a performance requirement, namely pipe stiffness.

The 3 forms of PVC-U DWV non-pressure pipes used in Australia are:

1. Solid wall (single layer) pipe made entirely from 100% virgin PVC resin with added thermal stabilisers, processing aids, titanium dioxide UV stabiliser and coated calcium carbonate filler. The PVC content of the compound is not less than 80% by mass.
2. Solid wall sandwich construction pipe comprised of an inner and outer layer of virgin PVC and a central (core) layer of "reworked/reclaimed" PVC material. This core layer is typically in-house reworked DWV pipe, PVC communications conduit or PVC-U pressure pipe.
3. Foam core sandwich construction pipe comprised of an inner and outer layer of virgin PVC and a central (core) layer of "reworked/reclaimed" PVC material to which a blowing (foaming) agent has been added. This foamed core layer features a cellular structure that results in lighter weight pipes, improved material efficiency and lower carbon footprint.

PIPE KING DWV pipes are produced as foam core sandwich construction in accordance with AS/NZS 1260. All sandwich construction pipes are required to comply with a minimum inside wall thickness which are approximately 50% greater than those required in ISO 4435 *Plastics piping systems for non-pressure underground drainage and sewerage — Unplasticized poly(vinyl chloride) (PVC-U)*.

Importantly, for many years this type of pipe has been responsible for annually diverting thousands of tonnes of PVC from the waste stream across Australia.

For further information refer to PIPA Technical Note TN 019 *Sandwich Construction PVC-U Non-Pressure Pipe*

## 13 OUTCOMES OF EXPERT PANEL PRODUCT REVIEW

There are no issues to address.

## 14 FUTURE WORKS

No future works have been identified.

## 15 DISCLAIMER

This Product Appraisal Report (Report) is issued by the Water Services Association of Australia Limited on the understanding that:

This Report applies to the product(s) as submitted. Any changes to the product(s) either minor or major shall void this Report.

To maintain the recommendations of this Report any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Report and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Appraisal reports will be reviewed and reissued at regular intervals not exceeding five (5) years.

The following information explains a number of very important limits on your ability to rely on the information in this Report. Please read it carefully and take it into account when considering the contents of this Report.

Any enquiries regarding this report should be directed to the Program Manager, Carl Radford, Phone: 03 8605 7601 email [carl.radford@wsaa.asn.au](mailto:carl.radford@wsaa.asn.au).

### **15.1 Issue of Report**

This Report has been published and/or prepared by the Water Services Association of Australia Limited and nominated Project Manager and peer group of technical specialists (the Publishers).

The Report has been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Report (the Recipients).

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This Report does not contain all information that a person might require for the purposes of assessing any product discussed or appraised within it. The product appraisal criteria used in preparing this Report may not address all relevant aspects of the Product.

Recipients should seek independent evidence of any matter which is material to their decisions in connection with an assessment of the Product and consult their own advisers for any technical information required. Any decision to use the Product should take into account the reliability of that independent evidence obtained by the Recipient regarding the Product.

Recipients should also independently verify and assess the appropriateness of any recommendation in the Report, especially given that any recommendation will not take into account a Recipient's particular needs or circumstances.

WSAA has not evaluated the extent of the product liability and professional indemnity insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

### **15.3 No Updating**

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### **15.4 No Warranty**

The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Report, or the accuracy, completeness or reasonableness of any recommendation in this Report.

## APPENDIX A – PRODUCT LITERATURE

The complete catalogue may be sourced directly from APP or WSAA



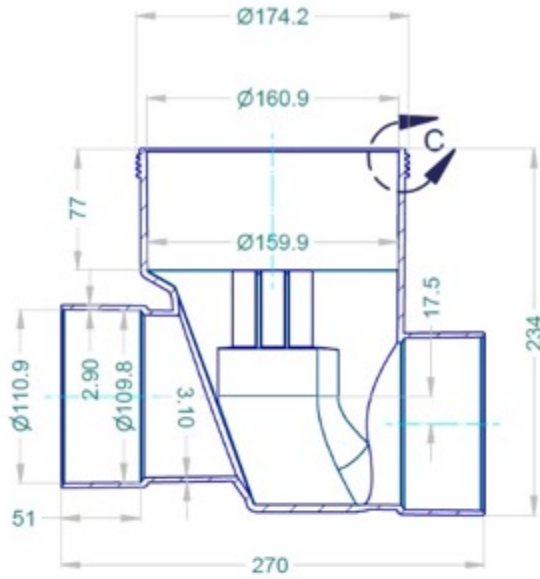
## PVC PLUMBING PIPE AND FITTINGS DWV, STORMWATER & PRESSURE PIPE

PRODUCT CATALOGUE October 2018

**PIPE KING PVC-U DWV FITTINGS RANGE**

<b>Product code</b>	<b>Nominal Size (DN)</b>	<b>Product Description</b>
BFF10005	100	5° Bend F + F
BFF10015	100	15° Bend F + F
BFF10030	100	30° Bend F + F
BFF10045	100	45° Bend F + F
BFF10060	100	60° Bend F + F
BFF10088	100	88° Bend F + F
BIOFF10088	100	88° Inspection Opening Bend F+F
BMF10005	100	5° Bend M + F
BMF10015	100	15° Bend M + F
BMF10030	100	30° Plain Bend M + F
BMF10045	100	45° Bend M + F
BMF10060	100	60° Bend M + F
BMF10088	100	88° Bend M + F
DC100	100	Dust Cap
JFF10088	100	88° Junction F + F
JFF10045	100	45° Junction F + F
POC100	100	Push-on Cap
SC100	100	Coupling Threaded
TAC100	100	Threaded Access Cap
BFF15088	150	45° Bend F + F
BFF15088	150	88° Bend F + F
BMF15045	150	45° Bend M + F
BMF15088	150	88° Bend M + F
LIT150100	150 - 100	Level Invert Taper
SC150	150	Coupling
SR150100	150 - 100	Socket Reducer

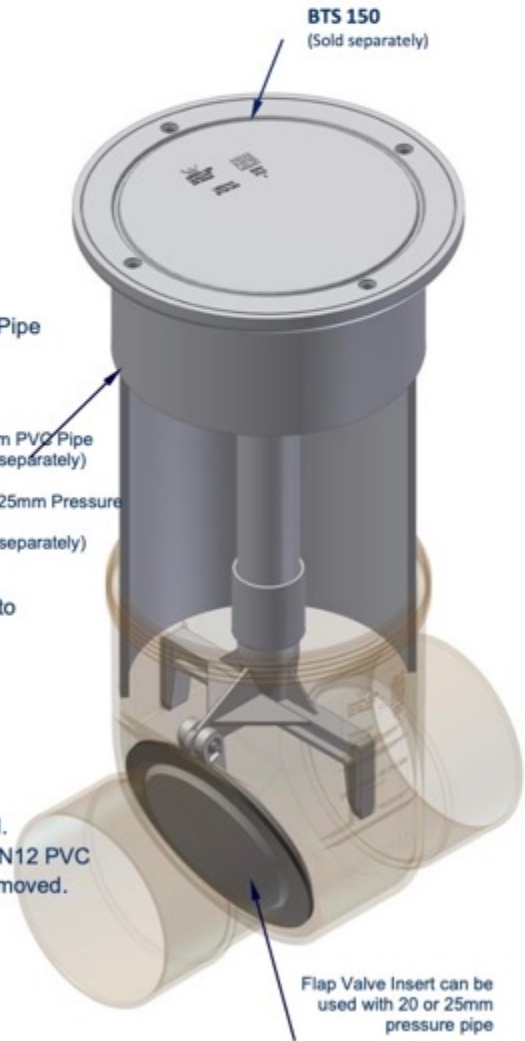




- ✦ Robust construction
- ✦ Compact design
- ✦ Fitting can be installed underground using PIPEKING 150mm PVC pipe
- ✦ When installed underground the sealing valve can be easily accessed using appropriate length of 20 or 25mm Pressure Pipe
- ✦ Fewer parts mean less time when accessing sealing valve
- ✦ Hinge Pin on sealing valve made from stainless steel

### 100mm Reflux Valve Installation guide

- ✦ Product must be installed by Licenced Plumber in accordance to AS/NZS3500
- ✦ Install valve with a gradient of no more than 3° gradient in direction of flow, as indicated on side of fitting.
- ✦ Cut a Length of 150mm PVC Pipe to a predetermined length from Reflux Valve to surface.
- ✦ Cut a predetermined length of 20 or 25mm PN12 PVC Pressure pipe. This pipe is used to access flap valve for cleaning purposes and must have clearance of 10mm to the lid.
- ✦ Solvent cement 150mm pipe to reflux valve and 20 or 25mm PN12 PVC Pressure pipe to flap valve insert making sure can be easily removed.



[www.pipeking.com.au](http://www.pipeking.com.au)



## APPENDIX B - QUALITY CERTIFICATIONS

Copies of the following Quality Certification Certificates are available from WSAA.

**TABLE B1**

### AUSTRALIAN PLASTIC PROFILES PTY LTD - MANAGEMENT SYSTEMS

12 Cawarra Road Caringbah NSW	
Quality Systems Standard	ISO 9001:2015
Certification licence no.	QEC0597
Certifying agency	SAI Global
First date of certification	13 July 1995
Current date of certification	5 May 2021
Expiry date of certification	15 May 2024

**TABLE B2**

### AUSTRALIAN PLASTIC PROFILES PTY LTD - PRODUCT CERTIFICATION

12 Cawarra Road Caringbah NSW	
Quality Systems Standard	AS/NZS 1260:2017
Certification licence no.	SMKP02157
Certifying agency	SAI Global
First date of certification	9 March 2010
Current date of certification	23 November 2021
Expiry date of certification	8 March 2025

**TABLE B3**

### AUSTRALIAN PLASTIC PROFILES PTY LTD (PIPE KING) - WATERMARK

12 Cawarra Road Caringbah NSW	
Standard	WMTS 006:2014
Certificate No.	WMKA23090
Certifying agency	SAI Global
First date of certification	17 August 2020
Current date of certification	17 August 2020
Expiry date of certification	16 August 2025

**TABLE B4**  
**AUSTRALIAN PLASTIC PROFILES PTY LTD – BEP CERTIFICATION**

12 Cawarra Road Caringbah NSW	
Product Standard/Spec.	AS/NZS 1260:2017
Certificate No.	4008
Issuing Certification Body	Australian Certification Services Pty Ltd
First Date of Certification	20 March 2012
Current Date of Certification	10 March 2020
Expiry Date of Certification	19 March 2022



# CERTIFICATE OF REGISTRATION

This is to certify that:

## Australian Plastic Profiles Pty Ltd

ABN 77 001 414 759

12 Cawarra Road Caringbah NSW 2229 AUSTRALIA

operates a

### QUALITY MANAGEMENT SYSTEM

which complies with the requirements of

### ISO 9001:2015

for the following scope

The manufacture and distribution of plastic injection mouldings and extruded product from polymers; and the assembly of custom profile work. Products include items for the building industry - electrical conduits electrical trunking rectangular hydroponic troughs fittings and expanded foam profiles; UPVC soil waste and vent pipes and fittings for the plumbing industry.

### Certificate No: QEC0597

Issued: 5 May 2021

Originally Certified: 13 July 1995

Expires: 15 May 2024

Current Certification: 5 May 2021

Frank Camasta  
Global Head of Technical Services  
SAI Global Assurance



Registered by:  
SAI Global Certification Services Pty Ltd (ACN 108 716 669) 680 George Street Sydney NSW 2000 Australia with SAI Global Pty Limited 680 George Street Sydney NSW 2000 Australia ("SAI Global") and subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. To verify that this certificate is current please refer to SAI Global On-Line Certification register at <http://register.saiglobal.com/>





# STANDARDSMARK LICENCE

SAI Global hereby grants:

## Australian Plastic Profiles Pty Ltd

ABN 77 001 414 759

12 Cawarra Road, Caringbah, NSW 2229, Australia

### StandardsMark Licence

Manufactured to:

**AS/NZS 1260:2017 - PVC-U pipes and fittings for drain, waste and vent applications**

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

**Licence No:** SMKP02157

**Issued :** 23 November 2021

**Expires :** 8 March 2025

**Originally Certified :** 9 March 2010

**Current Certification :** 23 November 2021

Frank Camasta  
Global Head of Technical Services  
SAI Global Assurance



\* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to [www.saiglobal.com](http://www.saiglobal.com), for the list of product models.



# SCHEDULE TO STANDARDSMARK LICENCE

SAI Global hereby grants:

## Australian Plastic Profiles Pty Ltd

12 Cawarra Road, Caringbah, NSW 2229, Australia

StandardsMark Licence

Manufactured to:

**AS/NZS 1260:2017 - PVC-U pipes and fittings for drain, waste and vent applications**

Model identification of the goods on which the STANDARDSMARK may be used:

Model Identification	Brand Name	Product Description	Product Type	Nominal Size (DN)	Stiffness Classification	Joint Type	Colour	Date Endorsed
BFF 1005	PIPE KING	100mm x 9° Plain Bend F + F	PLAIN BENDS F+F	100	SN6	Solvent joint	Grey	3 May 2019
BFF 1015	PIPE KING	100mm x 15° Plain Bend F + F	PLAIN BENDS F+F	100	SN6	Solvent joint	Grey	3 May 2019
BFF 1030	PIPE KING	100mm x 30° Plain Bend F + F	PLAIN BENDS F+F	100	SN6	Solvent joint	Grey	3 May 2019
BFF 1045	PIPE KING	100mm x 45° Plain Bend F + F	PLAIN BENDS F+F	100	SN6	Solvent joint	Grey	3 May 2019
BFF 1060	PIPE KING	100mm x 60° Plain Bend F + F	PLAIN BENDS F+F	100	SN6	Solvent joint	Grey	3 May 2019
BFF 1088	PIPE KING	100mm x 88° Plain Bend F + F	PLAIN BENDS F+F	100	SN6	Solvent joint	Grey	3 May 2019
BFF 1505	PIPE KING	150mm x 9° Plain Bend F + F	PLAIN BENDS F+F	150	SN6	Solvent weld	Grey	20 Oct 2021
BFF 1515	PIPE KING	150mm x 15° Plain Bend F + F	PLAIN BENDS F+F	150	SN6	Solvent weld	Grey	20 Oct 2021
BFF 1530	PIPE KING	150mm x 30° Plain Bend F + F	PLAIN BENDS F+F	150	SN6	Solvent weld	Grey	20 Oct 2021
BFF 1545	PIPE KING	150mm x 45° Plain Bend F + F	PLAIN BENDS F+F	150	SN6	Solvent weld	Grey	20 Oct 2021
BFF 1588	PIPE KING	150mm x 88° Plain Bend F + F	PLAIN BENDS F+F	150	SN6	Solvent weld	Grey	3 May 2019
BFF 22515	PIPE KING	225mm x 15° Plain Bend F + F	PLAIN BENDS F+F	225	SN6	Solvent weld	Grey	20 Oct 2021
BFF 22530	PIPE KING	225mm x 30° Plain Bend F + F	PLAIN BENDS F+F	225	SN6	Solvent weld	Grey	20 Oct 2021
BFF 22545	PIPE KING	225mm x 45° Plain Bend F + F	PLAIN BENDS F+F	225	SN6	Solvent weld	Grey	20 Oct 2021
BFF 22588	PIPE KING	225mm x 88° Plain Bend F + F	PLAIN BENDS F+F	225	SN6	Solvent weld	Grey	20 Oct 2021
BFF 4045	PIPE KING	40mmx45° Plain Bend F + F	PLAIN BENDS F+F	40	SN6	Solvent joint	Grey	3 May 2019
BFF 4088	PIPE KING	40mmx88° Plain Bend F + F	PLAIN BENDS F+F	40	SN6	Solvent joint	Grey	3 May 2019
BFF 504045	PIPE KING	50mmx40mmx45° Plain Bend F + F	PLAIN BENDS F+F	50	SN6	Solvent joint	Grey	3 May 2019
BFF 5045	PIPE KING	50mmx45° Plain Bend F + F	PLAIN BENDS F+F	50	SN6	Solvent joint	Grey	3 May 2019
BFF 5088	PIPE KING	50mmx88° Plain Bend F + F	PLAIN BENDS F+F	50	SN6	Solvent joint	Grey	3 May 2019
BFF 6588	PIPE KING	65mm x 88° Plain Bend F + F	PLAIN BENDS F+F	65	SN6	Solvent joint	Grey	3 May 2019
BFF 8045	PIPE KING	80mm x 45° Plain Bend F + F	PLAIN BENDS F+F	80	SN6	Solvent joint	Grey	3 May 2019
BFF 8088	PIPE KING	80mm x 88° Plain Bend F + F	PLAIN BENDS F+F	80	SN6	Solvent joint	Grey	3 May 2019
BIOFF 10088	PIPE KING	100mm x 88° Inspection Opening Bend F + F	INSPECTION OPENING BENDS	100	SN6	Solvent joint	Grey	3 May 2019
BIOFF 4088	PIPE KING	40mm x 88° Inspection Opening Bend F + F	INSPECTION OPENING BENDS	40	SN6	Solvent joint	Grey	3 May 2019
BIOFF 5088	PIPE KING	50mm x 88° Inspection Opening Bend F + F	INSPECTION OPENING BENDS	50	SN6	Solvent joint	Grey	3 May 2019
BIOFF 6588	PIPE KING	65mm x 88° Inspection Opening Bend F + F	INSPECTION OPENING BENDS	65	SN6	Solvent joint	Grey	3 May 2019
BIOFF 8088	PIPE KING	80mm x 88° Inspection Opening Bend F + F	INSPECTION OPENING BENDS	80	SN6	Solvent joint	Grey	3 May 2019

Licence No: SMKP02157

Issued Date: 23 November 2021

This schedule supersedes all previously issued schedules



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# SCHEDULE TO STANDARDSMARK LICENCE

Model Identification	Brand Name	Product Description	Product Type	Nominal Size (DN)	Stiffness Classification	Joint Type	Colour	Date Endorsed
BMF 1005	PIPE KING	100mm x 5° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	3 May 2019
BMF 10011	PIPE KING	100mm x 11° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	2 Nov 2021
BMF 10015	PIPE KING	100mm x 15° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	3 May 2019
BMF 10022	PIPE KING	100mm x 22° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	2 Nov 2021
BMF 10030	PIPE KING	100mm x 30° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	3 May 2019
BMF 10045	PIPE KING	100mm x 45° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	3 May 2019
BMF 10060	PIPE KING	100mm x 60° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	3 May 2019
BMF 10088	PIPE KING	100mm x 80° Plain Bend M + F	PLAIN BENDS M+F	100	SN6	Solvent Joint	Grey	3 May 2019
BMF 15015	PIPE KING	150mm x 15° Plain Bend M + F	PLAIN BENDS M+F	150	SN6	Solvent Joint	Grey	20 Oct 2021
BMF 15045	PIPE KING	150mm x 45° Plain Bend M + F	PLAIN BENDS M+F	150	SN6	Solvent Joint	Grey	3 May 2019
BMF 15088	PIPE KING	150mm x 80° Plain Bend M + F	PLAIN BENDS M+F	150	SN6	Solvent Joint	Grey	3 May 2019
BMF 4045	PIPE KING	40mm x 45° Plain Bend M + F	PLAIN BENDS M+F	40	SN6	Solvent Joint	Grey	3 May 2019
BMF 5045	PIPE KING	50mm x 45° Plain Bend M + F	PLAIN BENDS M+F	50	SN6	Solvent Joint	Grey	3 May 2019
BSA10088	PIPE KING	100mm x 80° Rear Access Bend F + F	REAR ACCESS BENDS M+F	100	SN6	Solvent Joint	Grey	2 Nov 2021
BSA10045	PIPE KING	100mm x 45° Side Access Bend F + F	SIDE ACCESS BENDS	100	SN6	Solvent Joint	Grey	3 May 2019
BSA10088	PIPE KING	100mm x 80° Side Access Bend F + F	SIDE ACCESS BENDS	100	SN6	Solvent Joint	Grey	3 May 2019
BTS	PIPE KING	100mm Bolted Trap Screw	BOLTED TRAP SCREWS	100	SN6	Solvent Joint	Grey	3 May 2019
BTS100	PIPE KING	100mm Bolted Trap Screw	BOLTED TRAP SCREWS	100	SN6	Solvent Joint	Grey	2 Nov 2021
BTS150	PIPE KING	150mm Bolted Trap Screw	BOLTED TRAP SCREWS	150	SN6	Solvent Joint	Grey	2 Nov 2021
DC100	PIPE KING	100mm Dust Cap	CAPS	100	SN6	Solvent Joint	Grey	3 May 2019
DT 100	PIPE KING	100mm Adjustable Disconnector Trap	TRAPS	100	SN6	Solvent Joint	Grey	3 May 2019
DTF 100	PIPE KING	100mm Disconnector Trap	TRAPS	100	SN6	Solvent Joint	Grey	20 Oct 2021
DWV100	PIPE KING	100mm x 6 metre DWV pipe	DWV PVC Pipe	100	SN6	Solvent Joint	Grey	3 May 2019
DWV100SN105CJM	PIPE KING	100mm x 6 metre DWV Sandtech Pipe	DWV PVC Pipe	100	SN10	Solvent Joint	Grey	19 Nov 2021
DWV100SN85C	PIPE KING	100mm x 6 metre DWV Sandtech Pipe	DWV PVC Pipe	100	SN6	Solvent Joint	Grey	20 Oct 2021
DWV150SN45C	PIPE KING	150mm x 6 metre DWV pipe	DWV PVC Pipe	150	SN4	Solvent Joint	Grey	20 Oct 2021
DWV150SN85CJM	PIPE KING	150mm DWV Pipe xJM	DWV PVC Pipe	150	SN6	Solvent Joint	Grey	19 Nov 2021
DWV150SN85C3MRU	PIPE KING	150mm x 3 metre DWV Sandtech Pipe	DWV PVC Pipe	150	SN6	Rubber Ring	Grey	20 Oct 2021
DWV150SN85CJM	PIPE KING	150mm x 6 metre DWV Sandtech Pipe	DWV PVC Pipe	150	SN6	Solvent Joint	Grey	19 Nov 2021
DWV225SN45C	PIPE KING	225mm x 6 metre DWV pipe	DWV PVC Pipe	225	SN4	Solvent Joint	Grey	20 Oct 2021
DWV225SN85CJM	PIPE KING	225mm x 3 metre DWV Sandtech Pipe	DWV PVC Pipe	225	SN6	Solvent Joint	Grey	20 Oct 2021
DWV225SN85C3MRU	PIPE KING	100mm x 3 metre DWV Sandtech Pipe	DWV PVC Pipe	225	SN6	Rubber Ring	Grey	20 Oct 2021
DWV225SN85CJM	PIPE KING	225mm x 6 metre DWV Sandtech Pipe	DWV PVC Pipe	225	SN6	Solvent Joint	Grey	20 Oct 2021
DWV300SN45CJM	PIPE KING	300mm x 3 metre DWV Sandtech PIPE SN8 SWJ	DWV PVC Pipe	300	SN6	Solvent weld	Grey	19 Nov 2021
DWV32	PIPE KING	32mm x 6 metre DWV pipe	DWV PVC Pipe	32	NA	Solvent Joint	Grey	3 May 2019
DWV40	PIPE KING	40mm x 6 metre DWV pipe	DWV PVC Pipe	40	NA	Solvent Joint	Grey	3 May 2019
DWV50	PIPE KING	50mm x 6 metre DWV pipe	DWV PVC Pipe	50	NA	Solvent Joint	Grey	3 May 2019
DWV65	PIPE KING	65mm x 6 metre DWV pipe	DWV PVC Pipe	65	NA	Solvent Joint	Grey	3 May 2019
DWV80	PIPE KING	80mm x 6 metre DWV pipe	DWV PVC Pipe	80	NA	Solvent Joint	Grey	3 May 2019
EC100	PIPE KING	100mm Expansion Coupling	EXPANSION COUPLING	100	SN6	Solvent Joint	Grey	3 May 2019
EC150	PIPE KING	150mm Expansion Coupling	EXPANSION COUPLING	150	SN6	Solvent Joint	Grey	3 May 2019
EC80	PIPE KING	80mm Expansion Coupling	EXPANSION COUPLING	80	SN6	Solvent Joint	Grey	3 May 2019
ECG 100	PIPE KING	100mm Inspection Piece with Expansion	INSPECTION PIECE	100	SN6	Solvent Joint	Grey	2 Nov 2021

**Licence No: SMKP02157**

**Issued Date: 23 November 2021**

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Model Identification	Brand Name	Product Description	Product Type	Nominal Size (DN)	Stiffness Classification	Joint Type	Colour	Date Entered
FC100	PIPE KING	100mm Finishing Collar	FINISHING COLLAR	100	SNE	Solvent Joint	Grey	3 May 2019
FISA30	PIPE KING	50mm Female Iron Spigot Adaptor	IRON SPIGOT ADAPTOR	50	SNE	Solvent Joint	Grey	3 May 2019
FISC40	PIPE KING	40mm Female Iron Socket Connector	IRON SOCKET CONNECTORS	40	SNE	Solvent Joint	Grey	3 May 2019
FISC50	PIPE KING	50mm Female Iron Socket Connector	IRON SOCKET CONNECTORS	50	SNE	Solvent Joint	Grey	3 May 2019
FV50	PIPE KING	50mm Flap Valve	VENT COWLS	50	SNE	Solvent Joint	Grey	3 May 2019
FWR10050	PIPE KING	100x50x50x4x0.8" Four Way Riser	FOUR WAY RISERS	100	SNE	Solvent Joint	Grey	3 May 2019
FWR1005040	PIPE KING	100x50x50x50x4" Four Way Riser	FOUR WAY RISERS	100	SNE	Solvent Joint	Grey	2 Nov 2021
FWR8050	PIPE KING	80x50x40x40x0.8" Four Way Riser	FOUR WAY RISERS	80	SNE	Solvent Joint	Grey	3 May 2019
G10050	PIPE KING	100mm x 50mm Floor Waste Gully Plain	FLOOR WASTE GULLY	100	SNE	Solvent Joint	Grey	3 May 2019
G10065	PIPE KING	100mm x 65mm Floor Waste Gully Plain	FLOOR WASTE GULLY	100	SNE	Solvent Joint	Grey	3 May 2019
G508	PIPE KING	50mm x 80" Barrel with Grate PVC	GRATES	50	SNE	Solvent Joint	Grey	3 May 2019
G50R	PIPE KING	50mm Plain Round Grate PVC	GRATES	50	SNE	Solvent Joint	Grey	3 May 2019
G50S	PIPE KING	50mm Plain Square Grate PVC	GRATES	50	SNE	Solvent Joint	Grey	3 May 2019
G606	PIPE KING	60mm x 65mm Floor Waste Gully Plain	FLOOR WASTE GULLY	60	SNE	Solvent Joint	Grey	3 May 2019
G800	PIPE KING	80mm Plain Octagonal Grate PVC	GRATES	80	SNE	Solvent Joint	Grey	3 May 2019
G80S	PIPE KING	80mm Plain Square Grate PVC	GRATES	80	SNE	Solvent Joint	Grey	3 May 2019
INPF 150	PIPE KING	150mm Inspection Piece M + F	INSPECTION PIECES	150	SNE	Solvent Joint	Grey	20 Oct 2021
IP1040	PIPE KING	100mm X 40mm in Pipe Reducer	IN PIPE REDUCER	100	SNE	Solvent Joint	Grey	2 Nov 2021
IP1050	PIPE KING	100mm X 50mm in Pipe Reducer	IN PIPE REDUCER	100	SNE	Solvent Joint	Grey	2 Nov 2021
IP1065	PIPE KING	100mm X 65mm in Pipe Reducer	IN PIPE REDUCER	100	SNE	Solvent Joint	Grey	2 Nov 2021
IPFF 100	PIPE KING	100mm Inspection Piece F + F	INSPECTION PIECES	100	SNE	Solvent Joint	Grey	3 May 2019
IPFF 150	PIPE KING	150mm Inspection Piece F + F	INSPECTION PIECES	150	SNE	Solvent Joint	Grey	3 May 2019
IPM 100	PIPE KING	100mm Inspection Piece M + F	INSPECTION PIECES	100	SNE	Solvent Joint	Grey	3 May 2019
JFF 1040	PIPE KING	100mm x 40" Plain Junction F + F	PLAIN JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019
JFF 10050	PIPE KING	100x50 x 40" Plain Reducing Junction F+F	PLAIN REDUCING JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019
JFF 100508	PIPE KING	100x50x80" Plain Reducing Junction F+F	PLAIN REDUCING JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019
JFF 100540	PIPE KING	100x50x40" Plain Reducing Junction F+F	PLAIN REDUCING JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019
JFF 10080	PIPE KING	100mm x 80" Plain Junction F + F	PLAIN JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019
JFF 15010040	PIPE KING	150mmx100mmx40" Plain Reducing Junction F+F	PLAIN REDUCING JUNCTIONS	150	SNE	Solvent Joint	Grey	3 May 2019
JFF 15010080	PIPE KING	150mmx100mmx80" Plain Reducing Junction F+F	PLAIN REDUCING JUNCTIONS	150	SNE	Solvent Joint	Grey	3 May 2019
JFF 15040	PIPE KING	150mm x 40" Plain Junction F + F	PLAIN JUNCTIONS	150	SNE	Solvent Joint	Grey	3 May 2019
JFF 15080	PIPE KING	150mm x 80" Plain Junction F + F	PLAIN JUNCTIONS	150	SNE	Solvent Joint	Grey	3 May 2019
JFF 22510040	PIPE KING	225mm x 100mm x 40" Plain Junction F + F	PLAIN REDUCING JUNCTIONS	225	SNE	Solvent Joint	Grey	20 Oct 2021
JFF 22515040	PIPE KING	225mm x 150mm x 40" Plain Junction F + F	PLAIN REDUCING JUNCTIONS	225	SNE	Solvent Joint	Grey	20 Oct 2021
JFF 22540	PIPE KING	225mm 40" Plain Junction F + F	PLAIN JUNCTIONS	225	SNE	Solvent Joint	Grey	20 Oct 2021
JFF 4040	PIPE KING	40mm x 40" Plain Junction F + F	PLAIN JUNCTIONS	40	SNE	Solvent Joint	Grey	3 May 2019
JFF 4080	PIPE KING	40mm x 80" Plain Junction F + F	PLAIN JUNCTIONS	40	SNE	Solvent Joint	Grey	3 May 2019
JFF 5040	PIPE KING	50mm x 40" Plain Junction F + F	PLAIN JUNCTIONS	50	SNE	Solvent Joint	Grey	3 May 2019
JFF 5080	PIPE KING	50mm x 80" Plain Junction F + F	PLAIN JUNCTIONS	50	SNE	Solvent Joint	Grey	3 May 2019
JFF 8040	PIPE KING	80mm x 40" Plain Junction F + F	PLAIN JUNCTIONS	80	SNE	Solvent Joint	Grey	3 May 2019
JFF 8080	PIPE KING	80mm x 80" Plain Junction F + F	PLAIN JUNCTIONS	80	SNE	Solvent Joint	Grey	3 May 2019
JFFSAH	PIPE KING	100mm x 40" LH Side Access Junction	SIDE ACCESS JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019
JFFSAH	PIPE KING	100mm x 40" RH Side Access Junction	SIDE ACCESS JUNCTIONS	100	SNE	Solvent Joint	Grey	3 May 2019

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Model Identification	Brand Name	Product Description	Product Type	Nominal Size (DN)	Stiffness Classification	Joint Type	Colour	Date Endorsed
JOFF10045	PIPE KING	100mm x 45° Inspection Opening Junction F + F	INSPECTION OPENING JUNCTIONS F+F	100	SN6	Solvent Joint	Grey	3 May 2019
JOFF100545	PIPE KING	100x50x45° Inspection Opening Junction F+F	INSPECTION OPENING JUNCTIONS F+F	100	SN6	Solvent Joint	Grey	3 May 2019
JOFF100645	PIPE KING	100x65x45° Inspection Opening Junction F+F	INSPECTION OPENING JUNCTIONS F+F	100	SN6	Solvent Joint	Grey	3 May 2019
JOFF10088	PIPE KING	100mm x 88° Inspection Opening Junction F + F	INSPECTION OPENING JUNCTIONS F+F	100	SN6	Solvent Joint	Grey	3 May 2019
JOFF15045	PIPE KING	50mm x 45° Inspection Opening Junction F + F	INSPECTION OPENING JUNCTIONS F+F	50	SN6	Solvent Joint	Grey	3 May 2019
JOFF15088	PIPE KING	50mm x 88° Inspection Opening Junction F + F	INSPECTION OPENING JUNCTIONS F+F	50	SN6	Solvent Joint	Grey	3 May 2019
JOFF8045	PIPE KING	80mm x 45° Inspection Opening Junction F + F	INSPECTION OPENING JUNCTIONS F+F	80	SN6	Solvent Joint	Grey	3 May 2019
JOFF8088	PIPE KING	80mm x 88° Inspection Opening Junction F + F	INSPECTION OPENING JUNCTIONS F+F	80	SN6	Solvent Joint	Grey	3 May 2019
JMF10045	PIPE KING	100mm 45° Plain Junction M + F	PLAIN JUNCTIONS M+F	100	SN6	Solvent Joint	Grey	20 Oct 2021
JMF10088	PIPE KING	100mm 88° Plain Junction M + F	PLAIN JUNCTIONS M+F	100	SN6	Solvent Joint	Grey	20 Oct 2021
JMF15010045	PIPE KING	150mmx100mmx45° Plain Junction M + F	PLAIN JUNCTIONS M+F	150	SN6	Solvent Joint	Grey	3 May 2019
JMF15010088	PIPE KING	150mmx100mmx88° Plain Junction M + F	PLAIN JUNCTIONS M+F	150	SN6	Solvent Joint	Grey	3 May 2019
JMF15045	PIPE KING	150mm 45° Plain Junction M + F	PLAIN JUNCTIONS M+F	150	SN6	Solvent Joint	Grey	20 Oct 2021
JMF15088	PIPE KING	150mm 88° Plain Junction M + F	PLAIN JUNCTIONS M+F	150	SN6	Solvent Joint	Grey	20 Oct 2021
JMF805045	PIPE KING	80mmx50mmx45° M+F	PLAIN JUNCTIONS M+F	80	SN6	Solvent Joint	Grey	20 Oct 2021
LIT10050	PIPE KING	100mm x 50mm Level Invert Taper	LEVEL INVERT TAPERS	100	SN6	Solvent Joint	Grey	3 May 2019
LIT10065	PIPE KING	100mm x 65mm Level Invert Taper	LEVEL INVERT TAPERS	100	SN6	Solvent Joint	Grey	3 May 2019
LIT10080	PIPE KING	100mm x 80mm Level Invert Taper	LEVEL INVERT TAPERS	100	SN6	Solvent Joint	Grey	3 May 2019
LIT150100	PIPE KING	150mm x 100mm Level Invert Taper	LEVEL INVERT TAPERS	150	SN6	Solvent Joint	Grey	3 May 2019
LIT225150	PIPE KING	225mm x 150mm Level Invert Taper	LEVEL INVERT TAPERS	225	SN6	Solvent Joint	Grey	20 Oct 2021
LIT5040	PIPE KING	50mm x 40mm Level Invert Taper	LEVEL INVERT TAPERS	50	SN6	Solvent Joint	Grey	3 May 2019
LIT6550	PIPE KING	65mm x 50mm Level Invert Taper	LEVEL INVERT TAPERS	65	SN6	Solvent Joint	Grey	3 May 2019
MISA50	PIPE KING	50mm Male Iron Spigot Adaptor	IRON SPIGOT ADAPTOR	50	SN6	Solvent Joint	Grey	3 May 2019
MISC40	PIPE KING	40mm Male Iron Socket Connector	IRON SOCKET CONNECTORS	40	SN6	Solvent Joint	Grey	3 May 2019
MISC50	PIPE KING	50mm Male Iron Socket Connector	IRON SOCKET CONNECTORS	50	SN6	Solvent Joint	Grey	3 May 2019
PCMF100	PIPE KING	100mm Offset Pan Collar M + F	PAN COLLAR OFFSET M+F	100	SN6	Solvent Joint	Grey	3 May 2019
POC100	PIPE KING	100mm Push on Cap	CAPS	100	SN6	Solvent Joint	Grey	20 Oct 2021
POC150	PIPE KING	150mm Push On Cap	CAPS	150	SN6	Solvent Joint	Grey	3 May 2019
POC150	PIPE KING	150mm Push on Cap	CAPS	150	SN6	Solvent Joint	Grey	20 Oct 2021
POC225	PIPE KING	225mm Push on Cap	CAPS	225	SN6	Solvent Joint	Grey	20 Oct 2021
RS4032	PIPE KING	40mm x 32mm Reducing Socket	REDUCING SOCKETS	40	SN6	Solvent Joint	Grey	3 May 2019
RS5040	PIPE KING	50mm x 40mm Reducing Socket	REDUCING SOCKETS	50	SN6	Solvent Joint	Grey	3 May 2019
RS6550	PIPE KING	65mm x 50mm Reducing Socket	REDUCING SOCKETS	65	SN6	Solvent Joint	Grey	3 May 2019
SC100	PIPE KING	100mm Straight Coupling Threaded	STRAIGHT COUPLINGS	100	SN6	Solvent Joint	Grey	3 May 2019
SC150	PIPE KING	150mm Straight Coupling	STRAIGHT COUPLINGS	150	SN6	Solvent Joint	Grey	3 May 2019
SC40	PIPE KING	40mm Straight Coupling	STRAIGHT COUPLINGS	40	SN6	Solvent Joint	Grey	3 May 2019
SC50	PIPE KING	50mm Straight Coupling	STRAIGHT COUPLINGS	50	SN6	Solvent Joint	Grey	3 May 2019
SC65	PIPE KING	65mm Straight Coupling	STRAIGHT COUPLINGS	65	SN6	Solvent Joint	Grey	3 May 2019
SC80	PIPE KING	80mm Straight Coupling Threaded	STRAIGHT COUPLINGS	80	SN6	Solvent Joint	Grey	3 May 2019

Licence No: SMKP02157

Issued Date: 23 November 2021

This schedule supersedes all previously issued schedules



\* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to the Schedule for the list of product models.



## SCHEDULE TO STANDARDSMARK LICENCE

Model Identification	Brand Name	Product Description	Product Type	Nominal Size (DN)	Stiffness Classification	Joint Type	Colour	Date Endorsed
SCT100	PIPE KING	100mm Straight Coupling Threaded	STRAIGHT COUPLINGS	100	SN6	Solvent Joint	Grey	2 Nov 2021
SCT150	PIPE KING	150mm Straight Coupling Threaded	STRAIGHT COUPLINGS	150	SN6	Solvent Joint	Grey	2 Nov 2021
SCT225	PIPE KING	225mm Straight Coupling Threaded	STRAIGHT COUPLINGS	225	SN6	Solvent Joint	Grey	2 Nov 2021
SLC40	PIPE KING	40mm Sleeve Coupling	SLEEVE COUPLING	40	SN6	Solvent Joint	Grey	3 May 2019
SLC50	PIPE KING	50mm Sleeve Coupling	SLEEVE COUPLING	50	SN6	Solvent Joint	Grey	3 May 2019
SLC65	PIPE KING	65mm Sleeve Coupling	SLEEVE COUPLING	65	SN6	Solvent Joint	Grey	3 May 2019
SPC100	PIPE KING	100mm Straight Pan Collar	PAN COLLAR	100	SN6	Solvent Joint	Grey	2 Nov 2021
SR10040	PIPE KING	100mm x 40mm Socket Reducer	SOCKET REDUCERS	100	SN6	Solvent Joint	Grey	2 Nov 2021
SR10050	PIPE KING	100mm x 50mm Socket Reducer	SOCKET REDUCERS	100	SN6	Solvent Joint	Grey	3 May 2019
SR10080	PIPE KING	100mm x 80mm Socket Reducer	SOCKET REDUCERS	100	SN6	Solvent Joint	Grey	3 May 2019
SR150100	PIPE KING	150mm x 100mm Socket Reducer	SOCKET REDUCERS	150	SN6	Solvent Joint	Grey	3 May 2019
SR6040	PIPE KING	50mm x 40mm Socket Reducer	SOCKET REDUCERS	50	SN6	Solvent Joint	Grey	3 May 2019
SR6550	PIPE KING	65mm x 50mm Socket Reducer	SOCKET REDUCERS	65	SN6	Solvent Joint	Grey	3 May 2019
SR8050	PIPE KING	80mm x 50mm Socket Reducer	SOCKET REDUCERS	80	SN6	Solvent Joint	Grey	3 May 2019
SR8065	PIPE KING	80mm x 65mm Socket Reducer	SOCKET REDUCERS	80	SN6	Solvent Joint	Grey	3 May 2019
SHC100	PIPE KING	100mm Slab Repair Coupling	SLAB REPAIR COUPLING	100	SN6	Solvent Joint	Grey	2 Nov 2021
TAC100	PIPE KING	100mm Threaded Access Cap	CAPS	100	SN6	Solvent Joint	Grey	3 May 2019
TAC150	PIPE KING	150mm Threaded Access cap	CAPS	150	SN6	Solvent Joint	Grey	20 Oct 2021
VC100	PIPE KING	100mm Vent Cowl	VENT COWLS	100	SN6	Solvent Joint	Grey	3 May 2019
VC50	PIPE KING	50mm Vent Cowl	VENT COWLS	50	SN6	Solvent Joint	Grey	3 May 2019
VC80	PIPE KING	80mm Vent Cowl	VENT COWLS	80	SN6	Solvent Joint	Grey	3 May 2019
WA50	PIPE KING	50mm Weathering Apron	WEATHERING APRON	50	SN6	Solvent Joint	Grey	3 May 2019

End of Record

**Licence No: SMKP02157**

**Issued Date: 23 November 2021**

This schedule supersedes all previously issued schedules



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# CERTIFICATE OF CONFORMITY

**SAI Global hereby grants:**

## **Pipe King Pty Ltd**

ABN 54 082 877 610

12 Cawarra Road, Caringbah, NSW 2229, Australia

### **WaterMark Certificate of Conformity – Level 1**

Evaluated to:

**WMTS 006:2014 - Reflux valves - Sewerage**

"the WaterMark Licensee" the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on [www.saiglobal.com](http://www.saiglobal.com) which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions

**Certificate No: WMK23090**

**Issued : 18 August 2020**

**Expires : 16 August 2025**

**Originally Certified : 17 August 2020**

**Current Certification : 17 August 2020**

Heather Mahon  
General Manager Technical Services  
SAI Global Assurance



**WaterMark**



[WWW.JAS-ANZ.ORG/REGISTER](http://WWW.JAS-ANZ.ORG/REGISTER)

\* For details of manufacture, refer to the licensee

The WATERMARK is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to [www.saiglobal.com](http://www.saiglobal.com) for the list of product models.



# SCHEDULE TO CERTIFICATE OF CONFORMITY

SAI Global hereby grants :

## Pipe King Pty Ltd

12 Cawarra Road, Caringbah, NSW 2229, Australia

### WaterMark Certificate of Conformity – Level 1

Evaluated to:

**WMTS 006:2014 - Reflux valves - Sewerage**

Model identification of the goods on which the WATERMARK may be used:

Model Identification	Model Name	Brand Name	Product Description	Product Type	Nominal Size (DN)	End Connection Designation	Material Designation	Date Endorsed
RV-100	DN100 Reflux Valve	Pipe King	DN100 PVC-U Bodied Reflux Valve Solvent Weld Socket Ends	Reflux Valve	DN 100	DN100 socket	UPVC	11 Aug 2020

**End of Record**

**Certificate No:** WMK23090

**Issued Date:** 18 August 2020

This schedule supersedes all previously issued schedules



\* For details of manufacture, refer to the licensee

The WATERMARK is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to [www.saiglobal.com](http://www.saiglobal.com) for the list of product models.



# CERTIFICATE OF CONFORMITY

## *Product Conformity Scheme (PCS)-Type Test Certification*

Australian Certification Services Pty Ltd hereby certifies that documentation maintained by;

### Australian Plastic Profiles Pty Ltd

Has been examined and found to be in conformity with the requirements of the Best Practice Guidelines for PVC in the Built Environment. An audit was conducted on 20<sup>th</sup> February 2020 utilising the Green Star Credit-Auditor Verification Guidance of the product types listed below manufactured by Australian Plastic Profiles Pty Ltd at 12 Cawarra Rd Caringbah NSW 2229 Australia covering and including all AussieDuct Electrical and Pipe King Plumbing PVC products. Australian Plastic Profiles Pty Ltd has been found to comply with the following requirements:

- Section 2.0 of Green Star Credit-Auditor Verification Guidance document pathway 2
- Manufacture of PVC Resin
- Manufacture and End of Life Management of PVC Product
- Use of PVC Recyclate in PVC products

#### Product Type

PVC-U Pipes and fittings for drain waste and vent applications  
 PVC-U Pipes and fittings for pressure applications  
 PVC-U Pipes and fittings for stormwater and surface water  
 PVC -U Rigid Conduits and fittings for electrical installations  
 PVC-U Corrugated Conduits and fittings for electrical installations  
 PVC-U Cable trunking systems  
 PVC-U Window Frame Profiles

#### Reference Standard

AS/NZS 1260  
 AS/NZS 1477  
 AS/NZS 1254  
 AS/NZS 2053.2  
 AS/NZS 2053.5  
 AS/NZS 4296  
 AS 2047

Issue Date: 10<sup>th</sup> March 2020  
 Initial Issue Date: 20<sup>th</sup> March 2012  
 Expiry Date: 19<sup>th</sup> March 2022

Paul Greig  
 General Manager

Certificate No.: 4008

This certificate remains the property of Australian Certification Services Pty Ltd.

The Product Conformity Scheme (PCS)-Type Test Certification is a conformity assessment scheme based on ISO 17067 (Type 1a)





**APPENDIX C - SUPPLIER CONTACTS****Australian Plastic Profiles Pty Ltd****SYDNEY - NSW**

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