



WSAA PRODUCT APPRAISAL CERTIFICATE

Derwent Industries Pty Ltd Uniclamp DI Flanged Off-take Clamps for PE Pipes

This appraisal is for a range of Uniclamp ductile iron flanged off-take clamps for PE pipes in sizes DN 125 and DN 180 with DN 80, DN 100 and DN 150 flanged off-takes.

This Issue 3 is a replacement for the previous version of the appraisal which had reached its 5-year expiry date.

The Uniclamp off-take clamps consist of two polymeric coated ductile iron halves bolted together with Grade 316 stainless steel fasteners. The circumferential elastomeric seal is manufactured from Nitrile rubber. The clamps are full circle design and rated as PN16. The flanges comply with AS/NZS 4087 PN 16 Figure B5.

A listing of Quality Certificates, details of products and supplier contacts are included in the attached Schedules A, B and C.

Product Category	Off-take Clamps
PA Number:	PA 1828 Issue 3
Supplier	Derwent Industries Pty Ltd
Brand	Derwent
Standards	AS/NZS 4129:2020 <i>Fittings for polyethylene (PE) pipes for pressure applications.</i>
WSAA Product Specification	WSA PS 313 <i>Repair and Off-Take Clamps for Pressure Applications – Drinking Water and Non-Drinking Water Supply</i>
Issue date	26 April 2024
Expiry date	25 April 2029
Recommendations	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise DN 125 and DN 180 Uniclamp ductile iron flanged off-take clamps for PE100 pipe, as detailed in this report, for use in water supply pressure pipelines, provided they are installed in accordance with any relevant conditions relating to the design, installation, and acceptance testing provided in relevant standards, WSAA Codes and the manufacturer's requirements.
Disclaimer	The disclaimer on Page 2 explains a number of very important limits on your ability to rely on the information in this Product Appraisal Certificate and the assessment criteria used to underlay it. Please read it carefully and take it into account when considering the content in this Certificate.

1. Disclaimer

This Product Appraisal Certificate (Certificate) is issued by WSAA on the understanding that:

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

To maintain the recommendations of this Certificate any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Certificate including the product appraisal criteria underlying it 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. Certificates will be reviewed and reissued at regular intervals not exceeding five (5) years.

WSAA reserves the right to withdraw this Certificate at any time in its sole and absolute discretion for any reason.

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

Any enquiries regarding this Certificate should be directed to the Product Appraisal Manager Phone: 03 8605 7601 email carl.radford@wsaa.asn.au.

1.1. Issue of Certificate

This Certificate has been published and/or prepared by WSAA and nominated Project Manager and peer group of technical specialists (the Publishers).

The Certificate and the underlying product appraisal criteria have been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Certificate (the Recipients).

By accepting this Certificate, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Certificate and product appraisal criteria underlying it that the Recipient has understood and accepted the terms of this Disclaimer.

1.2. Limits on Reliance on Information and Recommendations

1.2.1. Disclaimer of liability

Neither the Publisher(s) nor any person involved in the preparation of the Certificate and product appraisal criteria underlying it accept(s) any liability for any loss or damage suffered by any person however caused (including negligence or the omission by any person to do anything) relating in any way to the Certificate or the product appraisal criteria underlying it. This includes (without limitation) any liability for any recommendation or information in the Certificate or any errors or omissions.

1.2.2. Intellectual Property and other rights

WSAA does not undertake any assessment of whether the importation, manufacture, sale or use of the Product the subject of this Certificate infringes the intellectual property rights or proprietary rights of any person. Recipients of the Certificate should undertake their own assessment of whether (as relevant) the importation, manufacture, sale or use of the relevant Products infringe the intellectual property rights or other proprietary rights of any person. If the Product infringes intellectual property rights or other proprietary rights there is potential for the supply of the Products to be interrupted.

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1.2.3. Need for independent assessment

The information and any recommendation contained (expressly or by implication) in this Certificate are provided in good faith (and subject to the limitations noted in this Certificate). However, you should treat the information as indicative only. You should not rely on that information or any such recommendation except to the extent that you reach an agreement to the contrary with the Publisher(s).

This Certificate 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 Certificate 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 Certificate, 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.

1.3. No Updating

Neither the Publisher(s) nor any person involved in the preparation of this Certificate or the product appraisal criteria underlying it [has] [have] any obligation to notify you of any change in the information contained in this Certificate or of any new information concerning the Publisher(s) or the Product or any other matter.

1.4. 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 Certificate, or the accuracy, completeness or reasonableness of any recommendation in this Certificate

QUALITY CERTIFICATIONS

Copies of the following quality certificates are available from WSAA.

TABLE A1

DERWENT INDUSTRIES PTY LTD– MANAGEMENT SYSTEMS

102 – 104 Sunderland Street Derwent Park Tas	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	QEC2004
Certifying Agency	SAI-Global
First Date of Certification	8 August 1994
Current Date of Certification	25 June 2021
Expiry Date of Certification	4 July 2024

TABLE A2

DERWENT INDUSTRIES PTY LTD– PRODUCT CERTIFICATION

102 – 104 Sunderland Street Derwent Park Tas	
Product Standard/Spec.	AS/NZS 4129:2020
Certificate No.	SMK26385
Issuing Certification Body	SAI-Global
First Date of Certification	29 August 2018
Current Date of Certification	25 August 2023
Expiry Date of Certification	28 August 2028

PRODUCT LITERATURE



DERWENT INDUSTRIES PTY LTD
DERWENT PIPELINES DERWENT FOUNDRY
DERWENT CLAMPS DERWENT COUPLINGS
100% Australian Owned & Operated



Quality Endorsed Company
ISO 9001:2015
SAI Global



Uniclamps - Under Pressure Tapping PE & Series 2



Derwent Industries are 100% Australian owned and operated. The new Ductile Iron Offtake (UniClamp) Flanged Offtakes are 100% Australian made and made in accordance .

Applications:
The Derwent Industries Ductile Iron Flanged Offtakes are used for under pressure tapping on pipelines and can be affixed at desired points where tapping is required. The couplings have been designed in conjunction with pipeline tappers for ease of installation. The use of bracing lugs running between the bolt holes, allows the tapper to hold the two halves of the coupling together whilst inserting bolts and tensioning. *Please refer to your local water authority to ensure approved for use in your region.*

Features & Configurations:

- Material: Ductile Iron
- Coating: Rilsan/Nylon 11, Plascoat, FBE
- Two parts for ease of assembly
- Bolt Locks/Lugs to support bolts tensioning.
- Bracing Lugs to assist installer in holding halves together whilst bolting up.

PE Sizes: DN 125 and DN 180

Series 2 Sizes: DN 100 (suit OD 122) and DN 150 (suit OD 177)

Offtakes: DN 80 - DN 150 (Depending on main size)

PE Uniclamp Codes:

• 125 (OD 125) x 100 = 125F100PE	• 180 x 150 = 180F150PE
• 125 (OD 125) x 80 = 125F080PE	• 180 x 100 = 180F100PE
	• 180 x 80 = 180F080PE

Series 2 PVC Uniclamp Codes:

• 100 (OD122) x 100 = 100F100S2	• 150 (OD177) x 150 = 150F150S2
• 100 (OD122) x 80 = 100F080S2	• 150 (OD177) x 100 = 150F100S2
	• 150 (OD177) x 80 = 150F080S2

Series 2 Ductile Iron Uniclamp Codes:

• 100 (OD122) x 100 = 100F100S2-DI	• 150 (OD177) x 150 = 150F150S2-DI
• 100 (OD122) x 80 = 100F080S2-DI	• 150 (OD177) x 100 = 150F100S2-DI
	• 150 (OD177) x 80 = 150F080S2-DI




Uniclamp Approvals:

PE Uniclamp Standard: AS/NZS 4129
PE Uniclamp Certification:

- Product License No. SMK26385
- WaterMark License No. WMK26385
- WSAA Appraisal PA1828

Series 2 Standard: AS/NZS 4181:2013
Series 2 Uniclamp Certification:

- Product License No. SMK26386
- WaterMark License No. WMK26386
- WSAA Appraisal PA2025







March 2022 - E & O.E

SUPPLIER CONTACTS

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