



VIP Polymers Ltd

PRODUCT APPRAISAL REPORT 1734 Issue 2

VIPSeal® Shear Banded Flexible Couplings

AS/NZS 4327: 1995 Metal-banded flexible couplings for low pressure applications

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Peer Reviewers

Name/Title	Organisation	Date
Product Appraisal Technical Advisory Group	WSAA	20 July 2018
WSAA Expert Panel	WSAA	20 July 2018
Peter Pittard, WSAA Consultant	WSAA	2 July 2018
Carl Radford, Product Appraisal Manager	WSAA	25 July 2018
Peter Pittard, WSAA Consultant	WSAA	28 September 2023
Carl Radford, Product Appraisal Manager	WSAA	28 September 2023

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

VIP Polymers Ltd is a leading global manufacturer and supplier of elastomeric seals and gaskets for both pressure and non-pressure pipe joints. A range of VIPSeal® flexible couplings is also offered.

Jaybro Group Pty Ltd is the Australian distributor for the VIPSeal range of couplings.

This appraisal is for a range of VIPSeal metal-banded flexible couplings with metal shear rings manufactured to AS/NZS 4327:1995 *Metal-banded flexible couplings for low pressure applications*.

This Issue 2 is a replacement for the previous version of the appraisal which had reached its 5-year expiry date.

Shear banded flexible couplings are designed for joining or repairing pipes of various material with the same or similar nominal internal diameters in low pressure sewerage or drainage pipeline systems. Where the difference in outside diameter of the pipes to be joined is greater than 16 mm an appropriate adaptor bush is utilised to facilitate leak proof jointing.

The range of nominal diameters is DN 100 to DN 600 with pipe outside diameter size ranges as detailed in Section 3.

VIPSeal shear banded couplings are supplied with Grade 316 stainless steel metal bands, shear rings and fasteners. The sleeve and adaptor bushes are manufactured from EPDM rubber.

The couplings are not suitable for drinking water applications.

VIP Polymers Ltd holds an ISO 9001:2015 Quality Management System Licence.

VIPSeal shear banded flexible couplings have ISO Type 5 CMark Product Certification to AS/NZS 4327:1995.

This Appraisal has determined that VIPSeal shear banded flexible couplings, as detailed in this report, meet the requirements of WSA PS 235 *Couplings, Metal Banded Flexible, for Non-Pressure Applications – Sewerage* and are considered as 'fit-for-purpose'.

1.1 Recommendation

It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise the VIPSeal metal-banded flexible couplings with metal shear rings, as detailed in this report, for low pressure sewerage applications.

2 THE APPLICANT

VIP Polymers Ltd is a leading global manufacturer and supplier of elastomeric seals and gaskets for both pressure and non-pressure pipe joints. A range of VIPSeal® flexible couplings is also offered.

The company was originally established in 1923 by Victaulic Co Ltd to produce seals for the Victaulic coupling. The company, headquartered in Cambridgeshire UK, was renamed VIP Polymers Ltd in 2005 and currently exports to over 140 countries worldwide, supported by manufacturing and distribution operations in UK, Germany, Middle East, China and India.

3 THE PRODUCT

This appraisal is for a range of VIPSeal metal-banded flexible couplings with metal shear rings manufactured to AS/NZS 4327:1995 *Metal-banded flexible couplings for low pressure applications*.

Shear banded flexible couplings are designed for joining or repairing pipes of various materials with the same or similar nominal internal diameters in low pressure sewerage or drainage pipeline systems.

Where the difference in the outside diameter of the pipes to be joined is greater than 16 mm an appropriate adaptor bush is utilised to facilitate leak proof jointing. VIPSeal product literature provides details of specific applications where adaptor bushes are required. See Appendix A.

The incorporation of a Grade 316 Stainless Steel metal shear band on the flexible coupling counters the effect of soil or other superimposed load to ensure rigidity and integrity of the joint.

Each coupling has a designed compatible pipe OD range and is suitable for connection to a wide range of pipe materials including PVC, PE, Vitrified Clay, Asbestos Cement, concrete, galvanised iron and cast or ductile iron.

The couplings are not suitable for use with drinking water.

VIPSeal shear banded couplings are supplied with Grade 316 stainless steel metal bands, shear rings and fasteners. The sleeve and adaptor bushes are manufactured from EPDM rubber.



FIGURE 1 VIPSEAL SHEAR BANDED FLEXIBLE COUPLING

The available coupling range incorporates sizes from DN 100 to DN 600. The range is detailed in Table 1 with compatible pipe outside diameters and coupling widths.

TABLE 1

VIPSEAL SHEAR BANDED FLEXIBLE STANDARD COUPLINGS

Part No	Size Range (mm)		Width
	Min	Max	mm
VSC115	100	115	100
VSC120	110	121	120
VSC125	110	125	120
VSC137	120	137	120
VSC150	125	150	120
VSC165	140	165	120
VSC175	150	175	120
VSC180	160	180	120
VSC200	175	200	150
VSC215	190	215	150
VSC225	200	225	150
VSC250	225	250	150

Part No	Size Range (mm)		Width
	Min	Max	mm
VSC265	240	265	150
VSC275	250	275	150
VSC290	265	290	150
VSC310	285	310	190
VSC320	295	320	190
VSC335	305	335	190
VSC345	315	345	190
VSC360	340	360	190
VSC385	355	385	190
VSC410	385	410	190
VSC425	400	425	190
VSC430	405	430	190
VSC445	420	445	190
VSC465	435	465	190
VSC490	465	490	190
VSC510	480	510	190
VSC525	495	525	190
VSC540	510	540	190
VSC550	520	550	190
VSC560	530	560	190
VSC570	540	570	190
VSC580	555	580	190
VSC600	570	600	190

4 SCOPE OF THE APPRAISAL

The scope of this appraisal covers VIPSeal shear banded flexible couplings in sizes from DN 100 to DN 600 as specified in Section 3 and included in the Product Certification Schedule in Appendix B.

5 APPRAISAL CRITERIA

5.1 Quality Assurance Requirements

The WSAA Product Appraisal Technical Advisory Group accepts metal-banded flexible couplings manufactured in compliance with AS/NZS 4327:1995 *Metal-banded flexible couplings for low pressure applications* and 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 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 pre-requisite 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 VIPSeal shear banded flexible couplings have been appraised for compliance with AS/NZS 4327:1995 *Metal-banded flexible couplings for low pressure applications*.

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 Specification is also relevant to this application:

WSA PS 235 *Couplings, metal-banded flexible, for non-pressure applications-sewer*.

A copy of the Product Specification is available at the following link:

<https://www.wsaa.asn.au/shop/product/60961>

6 COMPLIANCE WITH APPRAISAL CRITERIA

6.1 Compliance with Quality Assurance Requirements

VIP Polymers Ltd has submitted the following quality certificates:

ISO 9001:2015 Certificate of Registration No FM01685 issued to VIP Polymers Ltd by British Standards Institute (BSI).

AS/NZS 4327:1995 ISO Type 5 CMark Product Certification Licence No. 3018 issued to VIP Polymers Ltd by Pro-Switch Pty Ltd.

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

6.2 Compliance with Performance Requirements

6.2.1 Material Requirements

AS/NZS 4327 nominates allowable material requirements for the coupling components.

6.2.1.1 Metal band, shear ring and fasteners

The coupling metal band, shear ring and fasteners are Grade 316 (EN 10088.1 Grade 1.4404). Material test certificates have been supplied to demonstrate compliance.

6.2.1.2 Sleeve and adaptor bush

The coupling sleeves and adaptor bushes are manufactured from EPDM, complying with AS 1646 / EN681-1.

Material test certificates have been provided to demonstrate compliance.

6.2.1.3 Contamination of Drinking Water

The couplings are not suitable for use with drinking water applications.

6.2.2 Performance Tests

VIP Polymers has submitted copies of Type Test reports to demonstrate compliance with the performance requirements of AS/NZS 4327.

Queensland Testing Laboratory Pty Ltd (NATA Accreditation No 14783) successfully completed the type tests specified in AS/NZS 4327.

The required tests are for tensile strength of the metal shear ring with fasteners and housing, weld strength, water tightness and shear strength. The sizes tested were VSC200 (175-200), VSC290 (265-290) VSC385 (355-385), which qualifies the size range from DN 100 to DN 600.

7 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION

VIP Polymers has provided a Coupling Installation Guide and Bush Connection Guide together with a Product Data Sheet for the coupling range. See Appendix A.

8 PRODUCT MARKING

The couplings markings include the following:

- Manufacturer mark: VIPSeal
- The product code: e.g., VSC115
- Type of clamp: Type B
- Lot No.: e.g., 1806312308
- Pipe outside diameter range: e.g., 100-115mm
- The number of this standard: AS/NZS 4327
- Specified torque: e.g., 6Nm=
- Elastomeric material: EPDM
- Metal material: 316 / 1.4401 Stainless Steel
- Maximum pressure: e.g., 2.5 Bar
- Product certification mark: CMark



FIGURE 2 MARKING EXAMPLE

9 PACKAGING AND TRANSPORTATION

The couplings are packed in cartons for transportation. Multiple cartons are packed onto a pallet and shrink wrapped.

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 VIP Polymer Ltd's warranty is included in their terms and conditions of sale.

11 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD TESTING REPORT

Shear banded flexible couplings are considered standard products and installation trials were not required as part of this Appraisal.

12 OUTCOMES OF EXPERT PANEL REVIEW

There are no outstanding issues.

13 FUTURE WORKS

No future works have been identified.

14 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.

14.1 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).

By accepting this Report, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Report that the Recipient has understood and accepted the terms of this Disclaimer.

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14.4 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.

Standard couplings (VSC)

Primarily used in sewers, drains and other low and non-pressurised applications, VIPSeal™ standard couplings join pipes of virtually any material or diameter.

Constructed from the highest quality elastomeric rubber, the standard coupling provides shear resistance under heavy earth loads and is bolstered by stainless steel tension bands that create a leak proof seal. All standard couplings comply with BS EN 295-4, WIS 4-41-01, DIBT/MPA (Germany), VA (Scandinavia), WSAA - AS/NZS 4327 (Australasia) and the new BS EN 16397 standards.

Standard coupling applications:

- ✓ As a coupling to join plain ended pipes
- ✓ To repair damaged sections of pipe
- ✓ Where a post or lateral connection is required
- ✓ Where the diameters of pipe differ
- ✓ Joining short and cut lengths of pipe
- ✓ Introducing rocker pipes to an outside structure or manhole
- ✓ As a connection for soil, waste and vent applications

Ref No.	Size Range	Width
VSC65	50 - 65mm	90mm
VSC75	65 - 75mm	108mm
VSC95	80 - 95mm	100mm
VSC100	85 - 100mm	80mm
VSC115	100 - 115mm	100mm
VSC120	110 - 121mm	120mm
VSC125	110 - 125mm	120mm
VSC137	120 - 137mm	120mm
VSC150	125 - 150mm	120mm
VSC165	140 - 165mm	120mm
VSC175	150 - 175mm	120mm
VSC180	160 - 180mm	120mm
VSC200	175 - 200mm	150mm
VSC215	190 - 215mm	150mm
VSC225	200 - 225mm	150mm
VSC250	225 - 250mm	150mm
VSC265	240 - 265mm	150mm
VSC275	250 - 275mm	150mm
VSC290	265 - 290mm	150mm
VSC310	285 - 310mm	190mm
VSC320	295 - 320mm	190mm
VSC335	305 - 335mm	190mm
VSC345	315 - 345mm	190mm
VSC360	340 - 360mm	190mm

Ref No.	Size Range	Width
VSC365	345 - 365mm	190mm
VSC385	355 - 385mm	190mm
VSC410	385 - 410mm	190mm
VSC425	400 - 425mm	190mm
VSC430	405 - 430mm	190mm
VSC445	420 - 445mm	190mm
VSC465	435 - 465mm	190mm
VSC470	440 - 470mm	190mm
VSC490	465 - 490mm	190mm
VSC510	480 - 510mm	190mm
VSC525	495 - 525mm	190mm
VSC540	510 - 540mm	190mm
VSC550	520 - 550mm	190mm
VSC560	530 - 560mm	190mm
VSC570	540 - 570mm	190mm
VSC580	555 - 580mm	190mm
VSC600	570 - 600mm	190mm
VSC620	590 - 620mm	190mm

Available with nitrile sleeves. Add 'N' to product code when ordering.
 Available with 316SS tension bands. Add 'A' to the product code when ordering.
 Please contact our customer services team for technical guidance.

Fabricated & moulded bushes (VBC)

Sales Order Hotline

0800 334 5547

For use where pipe diameters differ significantly, VIPSeal™ bushes are engineered from the same high quality elastomeric rubber as our seals.

Available in varying thicknesses, the bush is put over the smaller pipe to create a larger diameter which can then fit a standard (VSC), large (VLC) or extra wide (VSCW/VLCW) coupling to create a watertight seal.

Most bushes are fabricated individually to meet the specific site requirement. Outside dimensions should be specified at time of ordering. All fabricated bushes have a width of 85mm.

Also available with nonle sleeves. Add 'N' to product code when ordering. Please contact our customer services team for technical guidance.

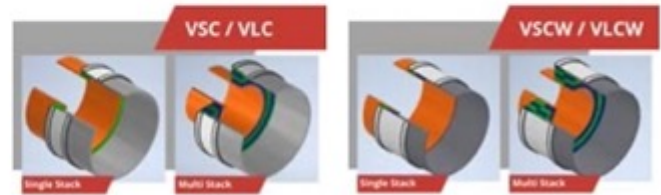
Fabricated Bushes

Ref No.	Size Range	Thickness	Ref No.	Size Range	Thickness
VBC0400	50 - 99mm	4mm	VBC1214	1400 - 1499mm	12mm
VBC0401	100 - 199mm	4mm	VBC1602	200 - 299mm	16mm
VBC0402	200 - 299mm	4mm	VBC1603	300 - 399mm	16mm
VBC0403	300 - 399mm	4mm	VBC1604	400 - 499mm	16mm
VBC0404	400 - 499mm	4mm	VBC1605	500 - 599mm	16mm
VBC0405	500 - 599mm	4mm	VBC1606	600 - 699mm	16mm
VBC0406	600 - 699mm	4mm	VBC1607	700 - 799mm	16mm
VBC0407	700 - 799mm	4mm	VBC1608	800 - 899mm	16mm
VBC0408	800 - 899mm	4mm	VBC1609	900 - 999mm	16mm
VBC0409	900 - 999mm	4mm	VBC1610	1000 - 1099mm	16mm
VBC0410	1000 - 1099mm	4mm	VBC1611	1100 - 1199mm	16mm
VBC0411	1100 - 1199mm	4mm	VBC1612	1200 - 1299mm	16mm
VBC0412	1200 - 1299mm	4mm	VBC1613	1300 - 1399mm	16mm
VBC0413	1300 - 1399mm	4mm	VBC1614	1400 - 1499mm	16mm
VBC0414	1400 - 1499mm	4mm	VBC2402	200 - 299mm	24mm
VBC0800	50 - 99mm	8mm	VBC2403	300 - 399mm	24mm
VBC0801	100 - 199mm	8mm	VBC2404	400 - 499mm	24mm
VBC0802	200 - 299mm	8mm	VBC2405	500 - 599mm	24mm
VBC0803	300 - 399mm	8mm	VBC2406	600 - 699mm	24mm
VBC0804	400 - 499mm	8mm	VBC2407	700 - 799mm	24mm
VBC0805	500 - 599mm	8mm	VBC2408	800 - 899mm	24mm
VBC0806	600 - 699mm	8mm	VBC2409	900 - 999mm	24mm
VBC0807	700 - 799mm	8mm	VBC2410	1000 - 1099mm	24mm
VBC0808	800 - 899mm	8mm	VBC2411	1100 - 1199mm	24mm
VBC0809	900 - 999mm	8mm	VBC2412	1200 - 1299mm	24mm
VBC0810	1000 - 1099mm	8mm	VBC2413	1300 - 1399mm	24mm
VBC0811	1100 - 1199mm	8mm	VBC2414	1400 - 1499mm	24mm
VBC0812	1200 - 1299mm	8mm	VBC3202	200 - 299mm	32mm
VBC0813	1300 - 1399mm	8mm	VBC3203	300 - 399mm	32mm
VBC0814	1400 - 1499mm	8mm	VBC3204	400 - 499mm	32mm
VBC1202	200 - 299mm	12mm	VBC3205	500 - 599mm	32mm
VBC1203	300 - 399mm	12mm	VBC3206	600 - 699mm	32mm
VBC1204	400 - 499mm	12mm	VBC3207	700 - 799mm	32mm
VBC1205	500 - 599mm	12mm	VBC3208	800 - 899mm	32mm
VBC1206	600 - 699mm	12mm	VBC3209	900 - 999mm	32mm
VBC1207	700 - 799mm	12mm	VBC3210	1000 - 1099mm	32mm
VBC1208	800 - 899mm	12mm	VBC3211	1100 - 1199mm	32mm
VBC1209	900 - 999mm	12mm	VBC3212	1200 - 1299mm	32mm
VBC1210	1000 - 1099mm	12mm	VBC3213	1300 - 1399mm	32mm
VBC1211	1100 - 1199mm	12mm	VBC3214	1400 - 1499mm	32mm
VBC1212	1200 - 1299mm	12mm			
VBC1213	1300 - 1399mm	12mm			



Moulded Bushes

Ref No.	Suitable for	Range (Pipe O/D)		Width (mm)	Thickness
		From (mm)	To (mm)		
VBCM8/160	VSC180	160	176	60	8
VBCM8/180	VSC200	180	196	75	8
VBCM8/250	VSC275	250	266	75	8
VBCM8/265	VSC290	264	280	75	8
VBCM16/164	VSC200	164	196	75	16
VBCM16/250	VSC290	250	282	75	16



www.vipseal.co.uk

7

Installation

Sales Order Hotline

0800 334 5547

Standard / Extra wide couplings

Insertion of a junction or repair of existing pipeline using standard or extra wide couplings.

a. If repairing an existing section of pipe - Cut section from the pipeline using pipe cutter or disc saw and remove. This should be about 20mm longer than the junction or new section of pipe to be installed.

1. Mark off half a coupling width from each joint on each pipe section.
2. Loosen the tension and shear bands on the coupling and then slide the coupling onto each end of the existing pipe line (lubricant not required).
3. Position the new junction or pipe length and centre a coupling over one joint at a time using the marks previously made then begin to tighten up the worm drives, starting with the tension bands followed by the shear band.
4. Check each tension and shear band with a torque wrench to the recommended torque shown on each coupling. Once completed, carefully tamp bedding under the pipeline if applicable.



Adaptor / Drain couplings

Drain Couplings

1. Slide the coupling fully onto the pipe, position the next pipe.
2. Mark one pipe at half a coupling width from the joint.
3. Centre the coupling over the joint using the mark.
4. Tighten the tension bands to recommended torque and carefully tamp bedding under the pipeline.

Adaptor couplings

1. Slide coupling fully onto larger pipe.
2. Mark the smaller pipe at half a coupling width from the joint.
3. Insert smaller pipe up to the mark.
4. Tighten the tension bands to recommended torque and carefully tamp bedding under the pipeline.



Bushes

Standard coupling using a bush

1. Slide the bush over the end of the smaller pipe, loosen the clamps on the coupling and place over the larger pipe.
2. Butt pipes together and slide over the coupling until the ends are level (lubricant not required).
3. Tighten central shear band and the tension bands to recommended torque.
4. After assembly of joint carefully tamp bedding under the pipeline.



www.vipseal.co.uk

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APPENDIX B - QUALITY CERTIFICATIONS

Copies of the following Quality Certificates are available from WSAA.

TABLE B1 VIP POLYMERS PTY LTD – MANAGEMENT SYSTEMS

15 Windover Road Huntington PE29 7EB United Kingdom	
Quality Systems Standard	ISO 9001:2015
Certification licence no.	FM 01685
Certifying agency	BSI
First date of certification	12 October 1988
Current date of certification	10 March 2021
Expiry date of certification	9 March 2024

TABLE B2 VIP POLYMERS PTY LTD – PRODUCT CERTIFICATION

15 Windover Road Huntington PE29 7EB United Kingdom	
Product Standard/Spec.	AS/NZS 4237:1995
Certificate No.	FM01685
Issuing certification body	Australian Certification Services
First date of certification	25 June 2018
Current date of certification	23 June 2023
Expiry date of certification	22 June 2028



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

VIP Polymers Ltd
15 Windover Road
Huntingdon
PE29 7EB
United Kingdom

Holds Certificate Number:

FM 01685

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

**The manufacture of compression moulded, injection moulded and extruded elastomeric products to customer specifications.
The compounding of rubber formulations.
The design and development of elastomeric products and compounds.**

For and on behalf of BSI:

Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 1988-10-12

Latest Revision Date: 2021-02-04

Effective Date: 2021-03-10

Expiry Date: 2024-03-09

Page: 1 of 1



...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated [online](#). Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies



PRODUCT CONFORMITY SCHEME – FULL CERTIFICATION

Certificate of Conformity

Pro-Switch Pty Ltd hereby certifies that the products as identified on the Product Certification Schedule and manufactured by;

VIP-Polymers Ltd

Trading as VIP-Polymers Ltd

Have been examined and found to be in conformity with the requirements of the Standard/s referred to below as from time to time amended;

Product Type: Flexible Couplings
 Brand: VIPSeal
 Evaluated to: AS/NZS 4327:1995 Metal-banded flexible couplings for low-pressure applications

Issue Date: 23rd June 2023
 Initial Issue Date: 25th June 2018
 Expiry Date: 22nd June 2028

Simon Clarke
 General Manager

Certificate No.: 3018

This certificate remains the property of Pro-Switch Pty Ltd

The Product Conformity Scheme (PCS) – Full Certification is a conformity assessment scheme based on ISO Guide 67 (system 5) and SA HB 18.28.





QD_7.7_03 Product Conformity Scheme (PCS)-FULL Certification Schedule

Certificate Holder	VIP-Polymers Ltd 15 Windover Road Huntingdon Cambridgeshire PE29 7EB United Kingdom www.vip-polymers.com
Manufacturer	VIP-Polymers Ltd
Certificate Number	3018
Certification Standard/s:	AS/NZS 4327:1995 Metal-banded flexible couplings for low-pressure applications

Product Listing

Model Identification	Model Name	Brand Name	Product Description
VSC115	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 100 - 115mm Width 120mm Type B EPDM
VSC120	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 110 - 121mm Width 120mm Type B EPDM
VSC125	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 110 - 125mm Width 120mm Type B EPDM
VSC137	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 120 - 137mm Width 120mm Type B EPDM

Model Identification	Model Name	Brand Name	Product Description
VSC150	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 125 - 150mm Width 120mm Type B EPDM
VSC165	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 140 - 165mm Width 120mm Type B EPDM
VSC175	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 150 - 175mm Width 120mm Type B EPDM
VSC180	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 160 - 180mm Width 120mm Type B EPDM
VSC200	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 175 - 200mm Width 150mm Type B EPDM
VSC215	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 190 - 215mm Width 150mm Type B EPDM
VSC225	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 200 - 225mm Width 150mm Type B EPDM
VSC250	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 225 - 250mm Width 150mm Type B EPDM
VSC265	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 240 - 265mm Width 150mm Type B EPDM

Model Identification	Model Name	Brand Name	Product Description
VSC275	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 250 - 275mm Width 150mm Type B EPDM
VSC290	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 265 - 290mm Width 150mm Type B EPDM
VSC310	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 285 - 310mm Width 190mm Type B EPDM
VSC320	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 295 - 320mm Width 190mm Type B EPDM
VSC335	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 305 - 335mm Width 190mm Type B EPDM
VSC345	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 315 - 345mm Width 190mm Type B EPDM
VSC360	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 340 - 360mm Width 190mm Type B EPDM
VSC385	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 355 - 385mm Width 190mm Type B EPDM
VSC410	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 385 - 410mm Width 190mm Type B EPDM

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Model Identification	Model Name	Brand Name	Product Description
VSC425	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 400 - 425mm Width 190mm Type B EPDM
VSC430	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 405 - 430mm Width 190mm Type B EPDM
VSC445	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 420 - 445mm Width 190mm Type B EPDM
VSC465	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 435 - 465mm Width 190mm Type B EPDM
VSC490	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 465 - 490mm Width 190mm Type B EPDM
VSC510	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 480 - 510mm Width 190mm Type B EPDM
VSC525	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 495 - 525mm Width 190mm Type B EPDM
VSC540	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 510 - 540mm Width 190mm Type B EPDM
VSC550	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 520 - 550mm Width 190mm Type B EPDM

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Model Identification	Model Name	Brand Name	Product Description
VSC560	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 530 - 560mm Width 190mm Type B EPDM
VSC570	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 540 - 570mm Width 190mm Type B EPDM
VSC580	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 555 - 580mm Width 190mm Type B EPDM
VSC600	VSC	VIPSeal	Metal-Banded (#316) Flexible Couplings with Shear Ring (#316) for Low Pressure Non-Drinking Water Applications Size Range 570 - 600mm Width 190mm Type B EPDM

APPENDIX C - SUPPLIER CONTACTS

VIP Polymers Ltd

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