

Designed to perform,
engineered to last



Wraparound Couplings (VWRC & VWRCW)

Ideal for repairing large diameter pipes that can't be removed or are in confined spaces.



Ideal for repairing large diameter pipes that can't be removed or are in confined spaces, VIPSeal® wraparound couplings allow you to repair with the damaged section in situ.

The elastomeric seal wraps around the pipe, followed by the shear band and finally the tension bands, to cover the damaged area of the pipe and create a watertight seal. All wraparound couplings are manufactured to order.

Product Specifications	
VIPSeal® Product Reference	VWRC & VWRCW
Size Range	DN300 and above at 190mm & 300mm wide
Material	EPDM Rubber
Steel	1.4301 (304) Stainless Steel / 1.4401 (316)
Tightening Torque	10Nm (310-385mm) / 13Nm (410-620mm) / 20Nm (321-1200mm) / 25Nm (1201mm and above)
Pressure Rating	0.6 bar / 8.7 psi
Jetting Resistance	120 bar
Constant Working Temperature Range	-10° to 60°
Standards	EN681-1, EN295-4, WIS 4-41-01, DIBt, MPA, VA, WSSA AS/NZS 4237



Applications:

- To repair isolated damage to the pipe e.g a fraction or a void in the pipe wall
- Creates a water tight seal over the damaged area of the pipe
- Instances of great angular deflection
- For use in vertical drainage applications
- Available in 190mm width (VWRC) and 300mm (VWRCW) width

Benefits:

- ✓ Manufactured from high grade materials ensuring high performance and long service life
- ✓ Heavy duty worm drives
- ✓ Quick and easy to install
- ✓ Repair cracked or damaged pipes without replacing sections of pipe
- ✓ Reduces time and costs involved
- ✓ Withstands internal pressures up to 0.6 bar, constant working pressure. Contact our technical department for intermittent working pressure above 0.6 bar

Product Range

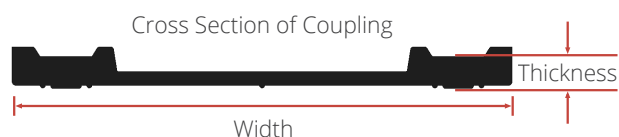
VWRC

VIPSeal Reference	Range (Pipe O/D)		Width (mm)	Thickness (mm)
	From (mm)	To (mm)		
VWRC300	300	399	190	12.1
VWRC400	400	499	190	12.1
VWRC500	500	599	190	12.1
VWRC600	600	699	190	12.1
VWRC700	700	799	190	12.1
VWRC800	800	899	190	12.1
VWRC900	900	999	190	12.1
VWRC1000	1000	1099	190	12.1
VWRC1100	1100	1199	190	12.1
VWRC1200	1200	1299	190	12.1
VWRC1300	1300	1399	190	12.1
VWRC1400	1400	1499	190	12.1
VWRC1500	1500	1599	190	12.1
VWRC1600	1600	1699	190	12.1
VWRC1700	1700	1799	190	12.1
VWRC1800	1800	1899	190	12.1
VWRC1900	1900	1999	190	12.1
VWRC2000	2000	2099	190	12.1

Product Range

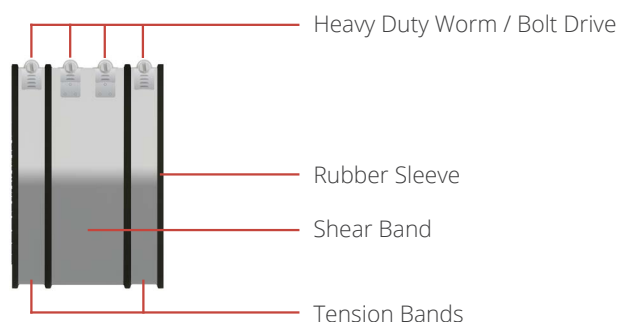
VWRCW

VIPSeal Reference	Range (Pipe O/D)		Width (mm)	Thickness (mm)
	From (mm)	To (mm)		
VWRC300W	300	399	300	12.1
VWRC400W	400	499	300	12.1
VWRC500W	500	599	300	12.1
VWRC600W	600	699	300	12.1
VWRC700W	700	799	300	12.1
VWRC800W	800	899	300	12.1
VWRC900W	900	999	300	12.1
VWRC1000W	1000	1099	300	12.1
VWRC1100W	1100	1199	300	12.1
VWRC1200W	1200	1299	300	12.1
VWRC1300W	1300	1399	300	12.1
VWRC1400W	1400	1499	300	12.1
VWRC1500W	1500	1599	300	12.1
VWRC1600W	1600	1699	300	12.1
VWRC1700W	1700	1799	300	12.1
VWRC1800W	1800	1899	300	12.1
VWRC1900W	1900	1999	300	12.1
VWRC2000W	2000	2099	300	12.1



Note: For VWRC-W couplings, the size range is an indication of size for pricing purposes only (it is not a pipe OD range that each individual seal will fit) as each seal is made bespoke to order.

Pipe OD will be required at the time of order and each seal will be manufactured accordingly.



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Material Options

For applications which are subjected to higher temperatures, or where chemicals are present, VIPSeal® Flexible Couplings can be ordered in a range of materials:

Heavy Duty Tension and Shear Bands

For higher corrosion or contaminated ground areas and marine environments, grade 1.4401(316) stainless steel should be specified to eliminate the need for protective tape.

Rubber Sleeves

For applications where chemicals or higher continuous temperatures are experienced, VIPSeal® Flexible Couplings can be ordered in the following materials (contact our customer service team for technical guidance).



VIPSealPlus is manufactured from peroxide cured EPDM which is superior to the sulphur cured variant for elevated temperature applications and for applications that have to endure steam. Peroxide cured EPDM is recommended as continuous temperatures rise above 60°C for many years of leak free service is assured up to temperatures of 125°C. Peroxide cured EPDM has the same chemical compatibility as the standard VIPSeal range (sulphur cured EPDM).



VIPSealXtra is manufactured from sulphur cured Nitrile which is an effective material for applications that are exposed to mineral oils, fats and greases when constant temperatures remain below 60°C.



VIPSealXtraPlus is manufactured from peroxide cured Nitrile which is superior to the sulphur cured variant for elevated temperature applications. Peroxide cured Nitrile as continuous temperatures rise above 60°C for many years of leak free service is assured up to temperatures of 100°C.



VIPSealChem is manufactured from FKM which can cope with elevated continuous temperature applications up to 200°C. It's resistance to a wide range of chemicals makes it the perfect choice for industrial and food applications.



VIPSealXtreme is manufactured from FFKM and is suitable for applications found in chemical and process industries. With a resistance to aggressive chemicals and CWT exceeding 200°C, VIPSealXtreme is designed for the toughest conditions.

Information contained in this data sheet is up-to-date and correct as at the date of issue. We reserve the right to change any information without prior notice.

