

Designed to perform, engineered to last



Declaration of

Performance Number:

VDOP-1

Product Identification Code:

VIPSeal® flexible couplings and bushes are identified with product type and size as described below.

| Type | Product Reference | Size Range (mm) |
|------------------------------|--------------------|-----------------|
| Standard Coupling | VSC115 - VSC600 | 100 - 620 |
| Standard Coupling Extra Wide | VSC225W - VSC620W | 200 - 620 |
| Large Coupling | VLC600 - VLC1000 | 600 - 1000 |
| Large Coupling Extra Wide | VLC600W - VLC1000W | 600 - 1000 |
| Adaptor Coupling | VAC1001 - VAC 4209 | 100 - 420 |
| Drain Coupling | VDC115 - VDC275 | 100 - 275 |
| Bushes | VBC | 100 - 1000 |

Intended Use:

Flexible couplings for use in buried drain or sewer systems for the conveyance of wastewater (domestic, surface & rain water) under gravity and periodic hydraulic surcharge or under continuous low head of pressure.

Manufacturer:

VIP-Polymers Ltd, Windover Road, Huntingdon, Cambridgeshire, PE29 7EB

System of Assessment and Verification of Constancy of Performance:

SYSTEM 4

Covered by Harmonised Standard:

BS EN295-4:2013 - "Vitrified clay pipe systems for drains and sewers". Part 4: Requirements for adaptors, connectors and flexible couplings." KM 560418

VIP-Polymers Ltd are licensed by BSI to use the Kitemark logo for the harmonised standard for the listed products.

| Essential Characteristics | Performance | Harmonised Technical Specification |
|--|--------------------------------------|------------------------------------|
| REACTION TO FIRE | CLASS F (not tested due to end use). | BS EN295-4:2013 |
| DIMENSIONAL TOLERANCE: • Moulded Rubber • Extruded rubber adaptors • Type 2 Couplings | PASS | |
| TIGHTNESS • Watertightness | PASS | |
| RELEASE OF DANGEROUS SUBSTANCES | NPD | |
| DURABILITY OF TIGHTNESS* AGAINST: • Chemical resistance to effluent • Thermal cycling stability • Long term stability | PASS | |

**Durability of tightness tested as per BS EN295-4:1995*

The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the supplier.

Signed for and on behalf of VIP-Polymers Ltd, Neil Search,
Quality and Systems Manager. 30.08.2018

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Declaration of

Performance Number:

VDOP-4

Product Identification Code:

VIPSeal® flexible couplings and bushes are identified with product type and size as described below.

| Type | Product Reference | Size Range (mm) |
|------------------------------|-------------------|-----------------|
| Standard Coupling | VSC | All |
| Standard Coupling Extra Wide | VSCW | All |
| Large Coupling | VLC | All |
| Large Coupling Extra Wide | VLCW | All |
| Adaptor Coupling | VAC | All |
| Drain Coupling | VDC | All |
| Wraparound Couplings | VWRC | All |
| Elbows | VER | All |
| Tees | VTR | All |
| End Caps | VERC | All |
| Bushes | VBC | All |

Intended Use:

Flexible couplings for use in buried drain or sewer systems for the conveyance of wastewater (domestic, surface & rain water) under gravity and periodic hydraulic surcharge or under continuous low head of pressure.

Manufacturer:

VIP-Polymers Ltd, Windover Road, Huntingdon, Cambridgeshire, PE29 7EB

System of Assessment and Verification of Constancy of Performance:

SYSTEM 4

Covered by Harmonised Standard:

BS EN 681-1:1996 "Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 1. Vulcanised Rubber." KM 07729

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| Essential Characteristics | Performance | Harmonised Technical Specification |
|---|--------------------------------------|------------------------------------|
| DIMENSIONAL TOLERANCE: • Moulded Rubber • Extruded rubber adaptors and type 1 couplings • Type 2 Couplings | PASS | BS EN681-1: 1996 |
| DURABILITY | CONFORMS TO SPECIFICATION IN TABLE 2 | |
| RELEASE OF DANGEROUS SUBSTANCES | NPD | |
| TIGHTNESS: | CONFORMS TO SPECIFICATION IN TABLE 2 | |

The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the supplier.

Signed for and on behalf of VIP-Polymers Ltd, Neil Search,
Quality and Systems Manager. 30.08.2018

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Declaration of Performance Number: VDOP-3
Product Identification Code: VIPSealChem flexible couplings are identified with product type and size as described below.

| Type | Product Reference | Size Range (mm) |
|-------------------|-------------------------|-----------------|
| Standard Coupling | VSC115FKM - VSC385FKM | 100 - 385 |
| Adaptor Coupling | VAC1225FKM - VAC2000FKM | 100 - 200 |
| Drain Coupling | VDC40FKM - VDC215FKM | 40-215 |

Intended Use: Flexible couplings for use in buried drain or sewer systems for the conveyance of wastewater (domestic, surface & rain water) under gravity and periodic hydraulic surcharge or under continuous low head of pressure.

Manufacturer: VIP-Polymers Ltd, Windover Road, Huntingdon, Cambridgeshire, PE29 7EB

System of Assessment and Verification of Constancy of Performance: SYSTEM 4

Covered by Harmonised Standard: BS EN295-4:2013 - "Vitrified clay pipe systems for drains and sewers". Part 4: Requirements for adaptors, connectors and flexible couplings." KM 560418

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| Essential Characteristics | Performance | Harmonised Technical Specification |
|--|--------------------------------------|------------------------------------|
| REACTION TO FIRE | CLASS F (not tested due to end use). | BS EN295-4:2013 |
| DIMENSIONAL TOLERANCE: • Moulded Rubber • Extruded rubber adaptors and type 1 couplings | PASS | |
| TIGHTNESS • Watertightness | PASS | |
| RELEASE OF DANGEROUS SUBSTANCES | NPD | |
| DURABILITY OF TIGHTNESS* AGAINST: • Chemical resistance to effluent • Thermal cycling stability • Long term stability | PASS | |

**Durability of tightness tested as per BS EN295-4:2013*

The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the supplier.

Signed for and on behalf of VIP-Polymers Ltd, Neil Search, Quality and Systems Manager. 30.08.2018