

# Standard Couplings

**50-620mm diameter**



See page 40  
for full standard details

Designed for sewerage, drainage and all non and low pressure applications up to 2.5 bar

## Introduction

**The Standard Coupling range Type 2B - SC115 to SC620 is WIS 4-41-01 approved and suitable for private and public sewers.**

Flexseal provide the most extensive range of Standard Couplings available in the marketplace and have revolutionised traditional pipe repair methods over the years. Flexseal Standard Couplings are specifically designed to connect and repair pipes of different materials or sizes used in sewerage, drainage and other underground applications.

When excavation work is required to repair a damaged pipe, Flexseal Standard Couplings will reduce the amount of time required and minor differences in pipe diameter can be accommodated. The combination of a durable design and excellent sealing properties when tightened to the correct torque enables the Flexseal Standard Coupling to provide a reliable seal on rough pipe surfaces e.g. concrete, as well as on smooth surfaces e.g. PVC.

Standard Couplings can be combined with Flexseal Bushes in order to act as an adaptor between pipelines of differing outside diameters. Standard Couplings are made from EN681-1 EPDM rubber and have Grade 1.4301 (304) stainless steel clamps and shearbands.

Flexseal can also supply the product with nitrile sleeves for use with effluent which may be contaminated with hydrocarbons. Couplings are also available with Grade 1.4401 (316) stainless steel for improved corrosion protection.

Please contact our sales office for further details.



You  
Tube

Scan here for a demo movie



## Benefits

- Withstands an internal pressure of up to 2.5 bar
- A proven, tested and durable coupling design ensuring a high performance and a reliable connection
- Stainless steel shear band provides excellent resistance to heavy loads and shear forces
- Reduces excavation work
- Complies with WIS 4-41-01 (all public sewers and sewers for adoption)
- Complies with BS EN 295 Part 4 & EN681-1: 1995 requirements for vitrified clay pipes and fittings
- Shear band ensures joint integrity and pipe alignment under load





## Applications

When used individually or combined with bushes, Flexseal Standard Couplings have many applications in the construction, repair and maintenance of pipe systems:

- As a joint for plain ended pipes
- Repair and maintenance of existing pipelines
- Connecting short and cut lengths of pipe
- Making post construction connections to an existing pipeline
- Reconnection of laterals on renovated sewers
- Introducing a rocker pipe outside manholes or structures
- When used with bushes can accommodate differing pipe diameters



Two Flexseal SC200s, replacing a section of DN150 vitrified clay pipe



## Common Applications

<b>SC115</b>	<ul style="list-style-type: none"> <li>110mm PVCu</li> <li>110mm ABS</li> <li>100mm CAST IRON (SMU/ENSGN/SML)</li> <li>111mm POLYETHYLENE</li> </ul>	<b>SC310</b>	225mm CONCRETE (O.D.-Over 290mm)
<b>SC120</b>	<ul style="list-style-type: none"> <li>110mm PVCu</li> <li>100mm CAST IRON (BS416)</li> <li>100mm STAINLESS STEEL</li> <li>100mm CAST IRON (BS437)</li> <li>100mm DUCTILE IRON</li> <li>100mm SUPERSLEVE (see also SC137)</li> </ul>	<b>SC320</b>	315mm PVCu
<b>SC137</b>	<ul style="list-style-type: none"> <li>100mm (4") SALT GLAZED WARE</li> <li>100mm VITRIFIED CLAY</li> <li>100mm SUPERSLEVE</li> <li>100mm PITCH FIBRE</li> <li>100mm ASBESTOS CEMENT</li> </ul>	<b>SC335</b>	<ul style="list-style-type: none"> <li>300mm DUCTILE IRON</li> <li>300mm CAST IRON</li> </ul>
<b>SC165</b>	<ul style="list-style-type: none"> <li>160mm PVCu</li> <li>150mm CAST IRON (SMU/ENSGN/SML)</li> <li>150mm STAINLESS STEEL</li> <li>160mm POLYETHYLENE</li> </ul>	<b>SC345</b>	<ul style="list-style-type: none"> <li>300mm ASBESTOS CEMENT</li> <li>300mm ULTRA-RIB</li> <li>300mm QUANTUM</li> <li>300mm DUCTILE IRON</li> </ul>
<b>SC175</b>	<ul style="list-style-type: none"> <li>160mm PVCu</li> <li>150mm DUCTILE IRON</li> <li>150mm CAST IRON (BS416)</li> <li>150mm CAST IRON (BS437)</li> <li>150mm STAINLESS STEEL</li> <li>150mm ULTRA-RIB</li> <li>150mm QUANTUM</li> </ul>	<b>SC360</b>	<ul style="list-style-type: none"> <li>300mm SUPERSEAL/SUPERSLEVE</li> <li>300mm RIDGIDRAIN (355mm o/d)</li> <li>300mm CORRIPIPE TWINWALL</li> </ul>
<b>SC200</b>	<ul style="list-style-type: none"> <li>150mm (6") SALT GLAZED WARE</li> <li>150mm VITRIFIED CLAY</li> <li>150mm SUPERSLEVE</li> <li>150mm CONCRETE</li> <li>150mm ASBESTOS CEMENT</li> <li>150mm PITCH FIBRE</li> <li>180mm ULTRA-RIB</li> <li>200mm PVCu</li> </ul>	<b>SC385</b>	<ul style="list-style-type: none"> <li>300mm (12") SALT GLAZED WARE</li> <li>300mm VITRIFIED CLAY</li> <li>300mm CONCRETE (O.D.-Up to 385mm)</li> </ul>
<b>SC225</b>	<ul style="list-style-type: none"> <li>200mm DUCTILE IRON</li> <li>200mm CAST IRON (BS416)</li> </ul>	<b>SC410</b>	<ul style="list-style-type: none"> <li>300mm CONCRETE (O.D.-Over 385mm)</li> <li>400mm PVCu</li> </ul>
<b>SC250</b>	<ul style="list-style-type: none"> <li>175mm PITCH FIBRE</li> <li>200mm VITRIFIED CLAY</li> <li>200mm ASBESTOS CEMENT</li> <li>225mm ULTRA-RIB</li> <li>225mm QUANTUM</li> <li>250mm PVCu</li> </ul>	<b>SC425</b>	300mm CONCRETE (O.D.-Over 405mm)
<b>SC265</b>	<ul style="list-style-type: none"> <li>225mm ASBESTOS CEMENT</li> <li>225mm DUCTILE IRON</li> <li>250mm CAST IRON</li> </ul>	<b>SC430</b>	<ul style="list-style-type: none"> <li>400mm DUCTILE IRON</li> <li>375mm ASBESTOS CEMENT</li> </ul>
<b>SC275</b>	<ul style="list-style-type: none"> <li>250mm DUCTILE IRON</li> <li>250mm CAST IRON</li> </ul>	<b>SC445</b>	<ul style="list-style-type: none"> <li>375mm ASBESTOS CEMENT</li> <li>400mm DUCTILE IRON</li> <li>400mm CAST IRON</li> </ul>
<b>SC290</b>	<ul style="list-style-type: none"> <li>225mm (9") SALT GLAZED WARE</li> <li>225mm VITRIFIED CLAY</li> <li>225mm CONCRETE (O.D.-Up to 290mm)</li> <li>250mm ASBESTOS CEMENT</li> <li>250mm DUCTILE IRON</li> </ul>	<b>SC465</b>	<ul style="list-style-type: none"> <li>375mm (15") SALT GLAZED WARE</li> <li>375mm VITRIFIED CLAY</li> <li>375mm CONCRETE (O.D.-Up to 465mm)</li> <li>400mm ASBESTOS CEMENT</li> <li>450mm PVCu</li> </ul>
		<b>SC490</b>	<ul style="list-style-type: none"> <li>375mm CONCRETE (O.D.-Over 456mm Up to 490mm)</li> <li>450mm DUCTILE IRON</li> <li>450mm ASBESTOS CEMENT</li> </ul>
		<b>SC510</b>	<ul style="list-style-type: none"> <li>375mm CONCRETE (O.D.-Over 490mm Up to 510mm)</li> <li>SC510 400mm VITRIFIED CLAY</li> </ul>
		<b>SC525</b>	375mm CONCRETE (O.D.-Over 510mm Up to 525mm)
		<b>SC540</b>	<ul style="list-style-type: none"> <li>500mm DUCTILE IRON BSEN595</li> <li>500mm CAST IRON (SMU/ENSGN/SML)</li> </ul>
		<b>SC560</b>	<ul style="list-style-type: none"> <li>450mm (18") SALT GLAZED WARE</li> <li>450mm VITRIFIED CLAY</li> <li>450mm CONCRETE (O.D.-Up to 560mm)</li> <li>500mm ASBESTOS CEMENT</li> </ul>
		<b>SC580</b>	450mm CONCRETE (O.D.-Over 555mm Up to 580mm)
		<b>SC600</b>	450mm CONCRETE (O.D.-Over 580mm Up to 600mm)



## Product Range

Reference No.	Size (mm)	Width (mm)	Thickness (mm)
SC65	50 - 65	90	6
SC75	60 - 75	108	6.5
SC95	80 - 95	110	7
SC115	100 - 115	120	7
SC120	105 - 121	120	7
SC125	110 - 125	120	7
SC137	120 - 137	120	7
SC150	125 - 150	136	7
SC165	140 - 165	136	7
SC175	150 - 175	136	7
SC185	160 - 185	136	7
SC200	175 - 200	150	7.5
SC215	190 - 215	150	7.5
SC225	200 - 225	150	7.5
SC250	225 - 250	150	7.5
SC265	240 - 265	150	7.5
SC275	250 - 275	150	7.5
SC290	265 - 290	150	7.5
SC310	285 - 310	185	9
SC320	295 - 320	185	9
SC335	310 - 335	185	9
SC345	320 - 345	185	9
SC360	335 - 360	185	9
SC370	345 - 370	185	9
SC385	360 - 385	185	9
SC395	370 - 395	185	9
SC410	385 - 410	185	9
SC425	400 - 425	185	9
SC430	405 - 430	185	9
SC445	420 - 445	185	9
SC450	425 - 450	185	9
SC465	440 - 465	185	9
SC470	445 - 470	185	9
SC490	465 - 490	185	9
SC510	485 - 510	185	9
SC525	500 - 525	185	9
SC540	515 - 540	185	9
SC550	525 - 550	185	9
SC560	535 - 560	185	9
SC570	545 - 570	185	9
SC580	555 - 580	185	9
SC600	575 - 600	185	9
SC620	595 - 620	185	9

Cross Section of Coupling

