

iQ parts
IQ-PARTS-SHOP.COM



**SPECS &
INFORMATION**

2B1 ALL-IN-ONE

The Universal Coupling

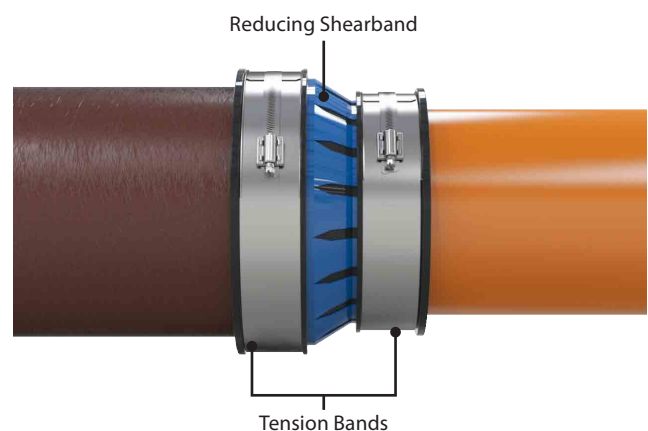


Connects any two pipes of the same nominal diameter regardless of the differences in outside diameter, providing it within the products size range.

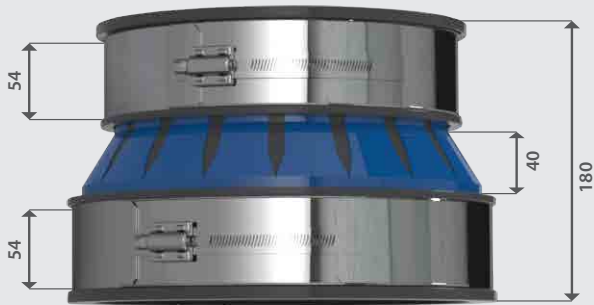
The 2B1 ALL-IN-ONE connects pipes of the same nominal diameter regardless of the material and the surface texture. Flexseal has developed a product that combines the functions of both adapter couplings and standard couplings.

Benefits:

- Range available for DN 100 to DN 400
- Improved profile ensures the rubber doesn't collapse when installed to a pipe within its size range
- The reducing shearband made of a seawater-resistant aluminum alloy offers maximum protection against vertical shear loads.
- High quality tension bands made from 1.4401 (316) stainless steel
- Corrosion resistant
- Reduces the need to carry excessive inventory
- Quick and easy to install - no special tools required
- Satisfies the requirements of EN295-4, EN681-1 & EN 16397-1



2B1 ALL-IN-ONE Dimensions



Measurements shown are (mm)

Product specification for 2B1 ALL-IN-ONE

Product Code	2B1
Description	Flexseal 2B1 ALL-IN-ONE
Size Range	DN 100 - DN 400
Material	EPDM Rubber EN 681-1 Stainless Steel 1.4401 (316) Aluminum
Pressure Rating	up to 2.5 bar
Temperature Range	-50°C to 150°C
Tightening Torque	15Nm / 17Nm
Standards	Satisfies the requirements of EN 295-4, EN 16397-1 und EN 681-1 CE - Certified
Jetting Resistance	120 bar



IMPROVED RUBBER PROFILE

increases size ranges and reduces the likelihood of a collapsed rubber on installation.



INCREASED WIDTH TENSION BAND

on the smaller pipe creates a more rigid connection and helps maintain pipe alignment.



REDUCING SHEARBAND

made of a seawater-resistant aluminum alloy ensures shear stability.

Article No.	Size DN	Range (mm) small side large side	Application Examples	Width - B (mm)	Torque (Nm)
2B1-100	100	108 - 133		180	15
2B1-125	125	123 - 161		180	15
2B1-150	150	160 - 196		180	15
2B1-150B*	150	160/168/170 - 226 200 - 226	DN 150 (PVCu, Cast Iron, GRP, Ductile Iron to Concrete OD 200-225mm)	180	15
2B1-200S	200	175 - 226		180	15
2B1-200L*	200	200/210/220/222/225/230/235-261 220-261	DN 200 (PVCu, Cast Iron, GRP, Ductile Iron, Robukan, HDPE, UR II, Asbestos Cement, Clay NL, Clay HL, Concrete OD 240-260 mm)	180	15
2B1-220	200	215 - 261		180	15
2B1-280	250	230 - 280		180	15
2B1-290	250	240 - 290		180	15
2B1-305	250	255 - 305		180	17
2B1-305L*	250	250/272/274-305 260-305	DN 250 (PVCu, Cast Iron, GRP, Ductile Iron, HDPE, UR II, Asbestos Cement, Clay NL)	180	17
2B1-320	250	270 - 320		180	17
2B1-320L*	250	250/272/274/280/299-320 270-320	DN 250 (PVCu, Cast Iron, GRP, Ductile Iron, HDPE, UR II, Asbestos Cement, Clay NL, Clay HL, Concrete up to OD 320 mm)	180	17
2B1-360	300	310 - 360		180	17
2B1-390	300	340 - 390		180	17
2B1-390L*	300	315/324/326/335/355-390 340-390	DN 300 (PVCu, Cast Iron, GRP, Ductile Iron, HDPE, UR II, Clay NL, Clay HL, Concrete up to OD 385 mm)	180	17
2B1-445	300	395 - 445		180	17
2B1-465	300	415 - 465		180	17
2B1-300B*	300	315/376-460 420-460	DN 300 (PVCu, HDPE, Clay HL to Concrete OD 420-460 mm)	180	17
2B1-540	400	490 - 540		180	17
2B1-570	400	520 - 570		180	17

* Incl. bush as a supplement to the 2B1 coupling for bridging larger diameter differences or falling below the minimum clamping range.
On request also available in other sizes.



info@iq-parts.nl
Harsweg 34A
2461 EZ Ter Aar
T +31 252 624 126
The Netherlands