

4947 Adjustable Elbow

The PLASSON solution to misalignment in PE Pipe systems.

PLASSON's adjustable elbow solves issues of misalignment by allowing elbows of up to 12° off-set to be made in the single sided fitting, or up to 24° in the double-sided fitting. These elbow off-sets are formed on site and then welded to fix the angle. This range of adjustment will allow for pipe coil jointing where pipe ends are not aligned or where a pipe connects to a fixed pump or valve that does not precisely line up.

Many flange connections are difficult to bolt-up and seal because of alignment issues, the Adjustable Elbow with a spigot flange adapter will allow a misaligned pipe to be bolted to a fixed flange without the stress, the Adjustable Elbow is then welded to fix the angle. The risk of a leaking flange joint is minimised by providing the relief of alignment stress.



KEY FEATURES

- Each ball joint allows up to 12° angular change.
- Angular change possible in any direction.
- Accepting of pipes or pipe/fixed flange connections that are out of alignment.
- Free movement of ball joint until welding fixes the off-set angle.
- Reduces stress on joints, flanges and other fittings.
- Simplifies alignment and jointing on site.
- PN16 rated.
- Suitable for SDR11 and SDR17 PE80 or PE100.
- WRAS Approved.

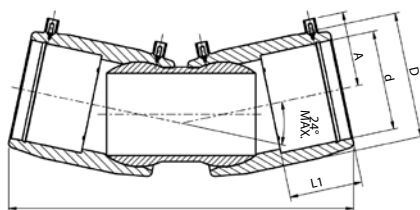


4947 EF Adjustable Elbow

4947C4 EF Adjustable Elbow

Adjustment angle

0° to 24°

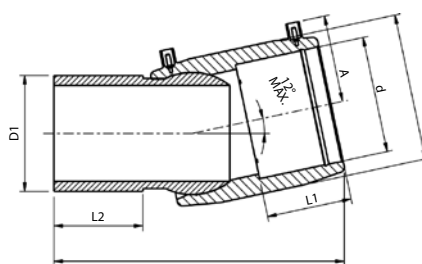


Code	Size d	L	L1	D	A	W
PF4947C4090	90	341	72	116	77	1450
PF4947C4110	110	362	80	140	83	2030
PF4947C4125	125	382	85	157	95	2630
PF4947C4160	160	456	92	200	114	4510
PF4947C4180	180	511	104	224	128	7490
PF4947C4200	200	512	104	250	125	9733
PF4947C4225	225	600	105	282	141	13230
PF4947C4250	250	644	123	312	156	16775

4947D4 EF Adjustable Elbow One Sided

Adjustment angle

0° to 12°



Code	Size d x D1	L	L1	L2	D	A	W
PF4947D4090	90 x 90	258	72	82	116	77	940
PF4947D4110	110 x 110	276	85	85	140	83	1290
PF4947D4125	125 x 125	292	90	90	157	95	1740
PF4947D4160	160 x 160	335	100	100	200	114	3150
PF4947D4180	180 x 180	365	138	138	223	128	4210
PF4947D4200	200 x 200	370	104	116	250	125	6172
PF4947D4225	225 x 225	426	105	124	282	141	8340
PF4947D4250	250 x 250	455	123	134	312	156	10800

Technical Details:

Max Angular Deflection - Code 4947C4	24° in any direction
Max Angular Deflection - Code 4947D4	12° in any direction
Materials:	PE100
Pressure Rating Water:	PN16
Pressure Rating Gas:	PE100 SDR11 (MOP 10)
Voltage:	40 volts
Standards:	EN12201 and EN1555, WRAS
Sizes:	90mm - 250mm

