

BS-RCEL | v1.0 | 2026-08

Elbow Repair Clamp

Pre-curved to the bend so gasket pressure stays even around the arc — flat wraps leak at the outer radius of elbows. Fits 45° and 90° bends: clamp it on, and the elbow keeps its angle and its seal.

General Specifications

Size Range	DN15–DN4000
Sealing Pressure	≥1.6MPa (232 PSI)
Body Material	Q235 Carbon Steel / SS304 / SS316L / Duplex 2205
Seal Material	EPDM
Coating	Epoxy Powder
Bolt Specification	M16×80, Grade 8.8 High-Strength Bolts
Applicable Pipe Types	Steel, Ductile Iron
Working Conditions	Standard Pressure
Custom Manufacturing	Custom sizes & specifications welcome. Contact us for inquiry.

Available Configurations

Body \ Pipe	PL	DI	ST	SS	FR	PS	CM	GR
Carbon Steel	✓	Inquire	Inquire	Inquire	Inquire	Inquire	Inquire	Inquire

✓ = Standard, with dimensions & price. — = Non-standard. Contact us.
PL=Plastic DI=Ductile Iron ST=Steel SS=Stainless Steel FR=FRP PS=PE Skeleton CM=Cement GR=Grooved

BS-RCEL-CSPL

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M)

Carbon steel body provides high structural strength, suitable for both above-ground and buried installations. The EPDM gasket's pre-compression design ensures reliable initial seal on the smooth, low-compression-strength surface of plastic pipes.

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Pressure	≥1.6MPa (232 PSI)
Size Range	φ20–φ355
Variants	30 specs

Materials & Standards

Component	Material	Standard
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	AWWA C210 / GB/T 18593

BS-RCEL-CSPL

Dimensions & Price

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M) ≥1.6MPa (232 PSI)			
No.	φ (mm)	Wt (kg)	List Price (USD)
90° Elbow			
001	20	0.9	\$19
002	25	0.9	\$19
003	32	0.9	\$19
004	40	1.0	\$22
005	50	1.2	\$26
006	63	1.4	\$31
007	75	1.7	\$39
008	90	2.3	\$52
009	110	2.5	\$55
010	125	4.2	\$95
011	160	4.4	\$98
012	200	7.2	\$161
013	315	22.1	\$493
90° Elbow (Extended)			
014	110	4.1	\$91
015	160	7.1	\$159
016	200	15.4	\$344
017	225	14.5	\$324
018	250	18.9	\$421
019	315	28.5	\$636
020	355	33.4	\$746
45° Elbow			
021	63	2.5	\$55
022	75	2.9	\$65
023	90	3.5	\$78
024	110	3.9	\$87
025	125	5.2	\$117
026	160	7.3	\$163
027	200	8.7	\$195
028	225	12.2	\$272
029	250	16.0	\$356
030	315	24.7	\$551

* = regular stock.
1S = 1-Step Molded | 2S = 2-Step Molded | W1 = Welded (50–400) | W2 = Welded (450+)
Prices indicative — contact us for current quotation.
Wt (kg) values are approximate; actual weights may vary.

List Price, FOB Shanghai — valid 30 days, base rate 6.72