

BS-EJEE | v1.0 | 2026-08

Elbow Expansion Joint

Turn the corner and absorb the movement: a 90° body with telescopic ends, so the bend no longer takes the thermal stress rigid elbows crack under.

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, Cast 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-EJEE-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.

Turn the corner and absorb the movement: a 90° body with telescopic ends, so the bend no longer takes the thermal stress rigid elbows crack under.



Pressure	≥1.6MPa (232 PSI)
Size Range	DN15–DN4000
Variants	42 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-EJEE-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)
001	20	—	\$85
002	25	—	\$85
003	32	—	\$85
004	40	—	\$85
005	50	—	\$85
006	63	—	\$108
007	75	—	\$129
008	90	—	\$154
009	110	—	\$191
010	125	—	\$218
011	140	—	\$250
012	160	—	\$293
013	180	—	\$345
014	200	—	\$392
015	225	—	\$468
016	250	—	\$539
017	280	—	\$634
018	315	—	\$744
019	355	—	\$1,031
020	400	—	\$1,228
021	450	—	\$1,840
022	500	—	\$2,158
023	560	—	\$2,539
024	630	—	\$3,103
025	710	—	\$4,257
026	800	—	\$5,154
027	900	—	\$10,865
028	1100	—	\$12,827
029	1200	—	\$17,219
030	1400	—	\$22,233
031	1600	—	\$27,868
032	1800	—	\$34,126
033	2000	—	\$41,005
034	2200	—	POA
035	2400	—	POA
036	2600	—	POA
037	2800	—	POA

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M) ≥1.6MPa (232 PSI)			
No.	φ (mm)	Wt (kg)	List Price (USD)
038	3000	—	POA
039	3400	—	POA
040	3600	—	POA
041	3800	—	POA
042	4000	—	POA

* = regular stock.
 1S = 1-Step Molded | 2S = 2-Step Molded | W1 = Welded (50–400) | W2 = Welded (450+)
 Prices indicative — contact us for current quotation.
 List Price, FOB Shanghai — valid 30 days, base rate 6.72