

BS-SJDE | v1.0 | 2026-08

Double Socket Elbow

A 90° turn in solvent-free PVC pipe: both ends take plain pipe with twin sealing rings — the elbow stays rigid, the joint stays dry, and it comes apart if the layout changes.

General Specifications

Size Range	φ63–φ800
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	UPVC, PVC-M
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-SJDE-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	φ63–φ800
Variants	21 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-SJDE-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	63	—	\$35
002	75	—	\$39
003	90	—	\$48
004	110	—	\$58
005	125	—	\$67
006	140	—	\$82
007	160	—	\$94
008	180	—	\$124
009	200	—	\$154
010	225	—	\$237
011	250	—	\$248
012	280	—	\$376
013	315	—	\$390
014	355	—	\$532
015	400	—	\$878
016	450	—	\$1,030
017	500	—	\$1,295
018	560	—	\$1,564
019	630	—	\$1,742
020	710	—	\$2,054
021	800	—	\$2,628

* = 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