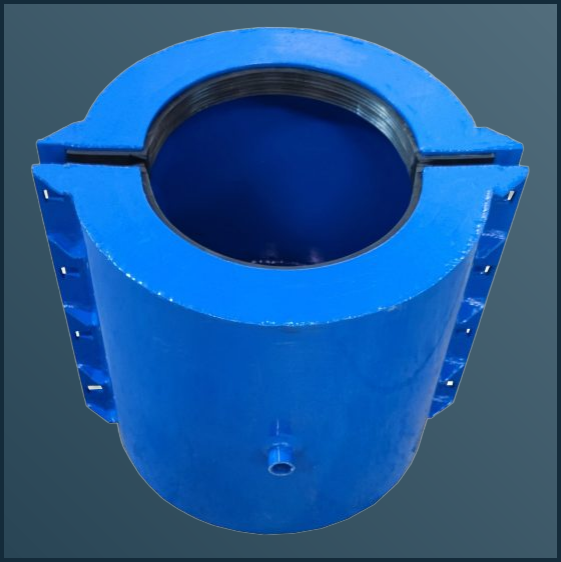
Repair Sleeve for Flange Joints



TECHNICAL & PRICE DATASHEET

3 configurations / 128 dimension & price rows

Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

GENERAL SPECIFICATIONS

General nominal-size capability	DN15-DN4000
Sealing Pressure	≥1.6 MPa (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, HDPE, Steel, Ductile Iron, Cast Iron
Working Conditions	Standard Pressure

Table range means sizes with published dimensions and prices only. Other sizes can be custom manufactured and quoted separately. General nominal-size capability: DN15-DN4000; confirm actual pipe OD.

Published pressure and range values are configuration references, not a blanket rating for every size. Material references do not certify the complete assembly. Confirm installation and isolation arrangements for the site.

Source data: v1.0 / 2026-08 | Publication v2.0 / 2026-10-16

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSPL

BS-RCFL-CSPL

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



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	φ90-φ800

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
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	Coating specification to be agreed

DIMENSIONS & PRICE

No.	φ mm	Branch size	L mm	Wt kg	List price USD
001	90	80	300	3.6	$81
002	110	100	200	2.0	$45
003	110	65	200	2.0	$45
004	110	80	200	2.0	$45
005	125	100	300	5.0	$112
006	125	125	300	5.4	$119
007	125	80	300	4.4	$99
008	160	100	200	2.6	$57
009	160	65	200	2.6	$57
010	160	80	200	2.6	$57

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSPL / continued

BS-RCFL-CSPL

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

≥1.6 MPa (232 psi) | φ90-φ800

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	φ mm	Branch size	L mm	Wt kg	List price USD
011	160	150	300	3.5	$78
012	200	100	200	3.3	$73
013	200	150	300	4.8	$106
014	200	80	300	5.8	$129
015	200	200	350	6.0	$135
016	225	100	300	6.9	$154
017	225	150	300	8.1	$181
018	225	80	300	6.9	$153
019	250	100	300	7.5	$166
020	250	150	300	8.1	$181
021	250	80	300	6.9	$154
022	250	200	500	11.6	$260
023	250	250	500	16.8	$375
024	315	100	300	8.6	$192
025	315	150	300	9.7	$215
026	315	80	300	7.7	$171
027	315	200	400	11.6	$260
028	315	250	500	14.9	$332
029	315	300	500	16.3	$363
030	355	100	500	11.1	$247
031	355	150	500	11.3	$252
032	355	200	500	11.6	$260
033	355	300	500	18.3	$408
034	400	100	300	13.5	$301
035	400	150	300	15.2	$340
036	400	80	300	13.3	$296
037	400	200	500	19.8	$441
038	400	300	500	23.0	$514

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSPL / continued

BS-RCFL-CSPL

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

≥1.6 MPa (232 psi) | φ90-φ800

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	φ mm	Branch size	L mm	Wt kg	List price USD
039	500	100	500	19.0	$424
040	500	150	500	20.0	$446
041	500	200	500	22.0	$491
042	500	300	500	27.0	$603
043	630	100	500	32.6	$727
044	630	150	500	34.9	$779
045	630	200	500	41.9	$934
046	630	300	500	48.0	$1,071
047	710	100	600	32.1	$717
048	710	150	600	36.3	$810
049	710	200	600	39.1	$872
050	800	100	600	41.4	$924

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSDI

BS-RCFL-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	DN100-DN710

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
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	Coating specification to be agreed

DIMENSIONS & PRICE

No.	DN	Branch size	L mm	Wt kg	List price USD
001	100	100	200	2.0	$45
002	100	80	200	2.0	$45
003	125	100	300	5.2	$117
004	125	125	300	5.7	$127
005	125	80	300	4.8	$106
006	150	100	200	2.6	$57
007	150	80	200	2.6	$57
008	150	150	300	3.5	$78
009	200	100	200	3.3	$73
010	200	150	300	4.8	$106

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSDI / continued

BS-RCFL-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron

≥1.6 MPa (232 psi) | DN100-DN710

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	Branch size	L mm	Wt kg	List price USD
011	200	80	300	5.8	$129
012	200	200	350	6.0	$135
013	250	100	300	7.6	$169
014	250	150	300	8.1	$182
015	250	200	400	11.6	$260
016	250	250	500	16.3	$363
017	300	100	300	8.8	$197
018	300	150	300	9.8	$218
019	300	200	400	12.5	$278
020	300	300	500	16.3	$363
021	400	100	300	13.5	$301
022	400	80	300	13.3	$296
023	400	150	500	15.8	$353
024	400	200	500	20.0	$446
025	400	300	500	23.0	$514
026	500	100	500	18.6	$415
027	500	150	500	19.5	$436
028	500	200	500	21.2	$472
029	500	300	500	26.7	$597
030	600	100	500	32.6	$727
031	600	150	500	34.9	$779
032	600	200	500	41.9	$934
033	600	300	500	48.0	$1,071
034	600	400	800	26.7	$597
035	600	500	800	32.6	$727
036	600	600	800	34.9	$779
037	710	100	600	32.1	$717
038	710	150	600	36.3	$810

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSDI / continued

BS-RCFL-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron

≥1.6 MPa (232 psi) | DN100-DN710

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	Branch size	L mm	Wt kg	List price USD
039	710	200	600	39.1	$872

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSST

BS-RCFL-CSST

Shell: Carbon Steel / Pipe: Steel



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	DN100-DN710

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
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	Coating specification to be agreed

DIMENSIONS & PRICE

No.	DN	Branch size	L mm	Wt kg	List price USD
001	100	100	200	2.0	$45
002	100	80	200	2.0	$45
003	125	100	300	5.2	$117
004	125	125	300	5.7	$127
005	125	80	300	4.8	$106
006	150	100	200	2.6	$57
007	150	80	200	2.6	$57
008	150	150	300	3.5	$78
009	200	100	200	3.3	$73
010	200	150	300	4.8	$106

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSST / continued

BS-RCFL-CSST

Shell: Carbon Steel / Pipe: Steel

≥1.6 MPa (232 psi) | DN100-DN710

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	Branch size	L mm	Wt kg	List price USD
011	200	80	300	5.8	$129
012	200	200	350	6.0	$135
013	250	100	300	7.6	$169
014	250	150	300	8.1	$182
015	250	200	400	11.6	$260
016	250	250	500	16.3	$363
017	300	100	300	8.8	$197
018	300	150	300	9.8	$218
019	300	200	400	12.5	$278
020	300	300	500	16.3	$363
021	400	100	300	13.5	$301
022	400	80	300	13.3	$296
023	400	150	500	15.8	$353
024	400	200	500	20.0	$446
025	400	300	500	23.0	$514
026	500	100	500	18.6	$415
027	500	150	500	19.5	$436
028	500	200	500	21.2	$472
029	500	300	500	26.7	$597
030	600	100	500	32.6	$727
031	600	150	500	34.9	$779
032	600	200	500	41.9	$934
033	600	300	500	48.0	$1,071
034	600	400	800	26.7	$597
035	600	500	800	32.6	$727
036	600	600	800	34.9	$779
037	710	100	600	32.1	$717
038	710	150	600	36.3	$810

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

BS-RCFL-CSST / continued

BS-RCFL-CSST

Shell: Carbon Steel / Pipe: Steel

≥1.6 MPa (232 psi) | DN100-DN710

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	Branch size	L mm	Wt kg	List price USD
039	710	200	600	39.1	$872

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

Configuration matrix / code key

Read the configuration code.

Product family + shell code + pipe code identify the configuration. Include the table row number to identify the dimensional variant.

Body / pipe	PL	DI	ST	SS	FR	PS	CM	GR
CS / Carbon steel	Y	Y	Y	-	-	-	-	-

Y = published dimension and price data. - = non-standard / enquire. Custom designs remain subject to confirmation.

PIPE CODE KEY	
PL	Plastic (PE/PPR/UPVC/PVC-M)
DI	Ductile Iron
ST	Steel
SS	Stainless Steel
FR	FRP (Glass Fiber)
PS	PE Steel Skeleton Composite
CM	Cement Mortar Lined
GR	Grooved

DN / NPS are nominal designations. φ / OD (mm) denote pipe outside diameter in millimetres. L is the published fitting length. Branch sizes retain the source units; confirm the thread or flange specification.

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference

Ordering / notes / revision

Specify the row. Confirm the duty.

Quote the full BS configuration code and table row, plus measured pipe OD, service pressure, temperature, medium and quantity. Include drawings or photographs of the connection where available.

Selection	Confirm before ordering
Pipe & fit	Measured OD, pipe material, wall thickness, connection geometry and fitting length.
Operating duty	Medium, temperature, pressure, movement and restraint requirements for the selected design.
Finish & seal options	Most products, particularly steel fittings, offer customer-specified surface treatment and seal materials. Confirm the finish and rubber compound for the duty.
Installation	Confirm isolation, bolt size, quantity and tightening torque for the supplied assembly. These values are not tabulated in this source.

Published pressure and range values are configuration references, not a blanket rating for every size. Material references do not certify the complete assembly. Confirm installation and isolation arrangements for the site.

Table range means sizes with published dimensions and prices only. Other sizes can be custom manufactured and quoted separately. General nominal-size capability: DN15-DN4000; confirm actual pipe OD.

COMMERCIAL & DATA NOTES

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.
Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

sales@baoshuopipe.com

Source data: v1.0 / 2026-08 | Publication v2.0 / 2026-10-16

© 2026 Changzhou Baoshuo Pipe Fittings Co., Ltd. | All Rights Reserved | For Customer Reference