

Flanged Segmented Bends

15° Segmented Bends (FL)

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,9	4,7
400	600		5,6
450	675		6,6
500	750		7,8
560	840		10,7
630	945		12,8
710	1065		15,7
800	1200		20,0
900	1350		24,0
1000	1500		29,7

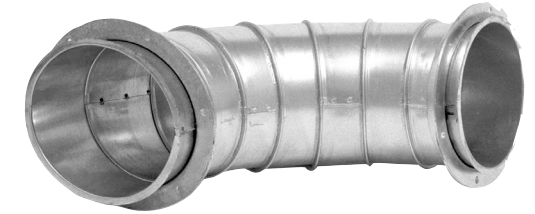
30° Segmented Bends (FL)

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,9	4,7
400	600		5,6
450	675		6,6
500	750		7,8
560	840		10,7
630	945		12,8
710	1065		15,7
800	1200		20,0
900	1350		24,0
1000	1500		29,7

45° Segmented Bends (FL)

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,9	5,7
400	600		6,8
450	675		8,2
500	750		9,7
560	840		13,8
630	945		16,8
710	1065		20,9
800	1200		25,8
900	1350		31,3
1000	1500		39,3

R=1.5 x diameter to centreline.



Construction

300 mm and larger bends shown here are segmented construction with a lock form standing seam every 15°. These bends are produced as follows:

Degree of angle	Number of segments
30°	(1) 15° + (2) tangents 7.5°
45°	(2) 15° + (2) tangents 7.5°
60°	(3) 15° + (2) tangents 7.5°
90°	(5) 15° + (2) tangents 7.5°

Seam: spot welded longitudinal seam on collar and segments.

Ends: Flanged Ends can be changed to QF, Raw ID, Raw OD, Hose Adapter (FX).

60° Segmented Bends (FL)

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,9	6,7
400	600		8,0
450	675		9,7
500	750		11,7
560	840		17,0
630	945		20,8
710	1065		26,0
800	1200		30,9
900	1350		31,6
1000	1500		38,7

90° Segmented Bends (FL)

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,9	8,6
400	600		10,5
450	675		12,8
500	750		15,5
560	840		23,3
630	945		28,7
710	1065		36,4
800	1200		43,3
900	1350		53,5
1000	1500		67,9

Temperature Rating of Product Components

° C	Segmented Bends (FL)	Sealants
200°	Galvanised Steel	
121°		Joka Seal Metal Sealant 2315
-20°		

Additional Notes

At temperatures ranging between 200° C and 250° C, the zinc-iron alloy layers in galvanised steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is 200° C.

Compliance / Rating of Product Components

Product	Material	Compliance / Rating
Segmented Bends (FL)	Galvanised	DX51D with Z275 Coating
Joka Seal Metal Sealant 2315	Acetone blend	AAMA Specification 801.1