NORDFAB Ducting

QF Segmented Bends

TECHNICAL DATA

15° Segmented Bends

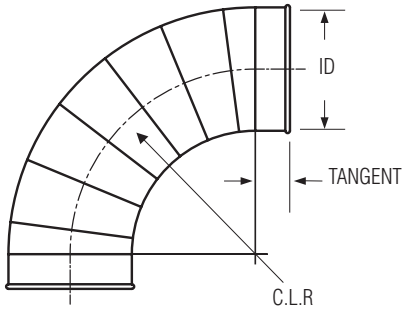
Ø mm	R mm	Thickness mm	Weight kg
350	525	0,7	2,9
400	600	0,7	3,8
450	675	0,7	4,6
500	750	0,7	5,6
560	840	0,9	8,2
630	945	0,9	10,2
710	1065	0,9	12,6

30° Segmented Bends

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,7	2,9
400	600	0,7	3,8
450	675	0,7	4,6
500	750	0,7	5,6
560	840	0,9	8,2
630	945	0,9	10,2
710	1065	0,9	12,6

45° Segmented Bends

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,7	3,8
400	600	0,7	5,1
450	675	0,7	6,2
500	750	0,7	7,5
560	840	0,9	11,4
630	945	0,9	14,2
710	1065	0,9	17,7



R = 1.5 x diameter to centreline
Custom radiuses available. Short radius bends are 1.0 x diameter to centreline

60° Segmented Bends

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,7	4,8
400	600	0,7	6,3
450	675	0,7	7,7
500	750	0,7	9,4
560	840	0,9	14,6
630	945	0,9	18,1
710	1065	0,9	22,9

90° Segmented Bends

Ø mm	R mm	Thickness mm	Weight kg
350	525	0,7	6,8
400	600	0,7	8,8
450	675	0,7	10,9
500	750	0,7	13,3
560	840	0,9	20,9
630	945	0,9	26,1
710	1065	0,9	33,2

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°	(2) 15° + (2) tangents
45°	(3) 15° + (2) tangents
60°	(4) 15° + (2) tangents
90°	(6) 15° + (2) tangents

Seam: spot welded longitudinal seam on collar and segments.
Ends: Standard QF end can be changed to Raw ID, Raw OD, Hose Adapter (FX), Flat Flange (FL).

Temperature Rating of Product Components		
° C	Segmented Bends	Sealants
200°	Galvanised Steel	
121°		Joka Seal Metal Sealant 2315
-20°		

Additional Notes

Galvanised steel provides little or no breakdown of zinc (zinc melting point 393°C)

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

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.

CERTIFIED LR ISO 9001 · ISO 14001
UKAS MANAGEMENT SYSTEMS 001