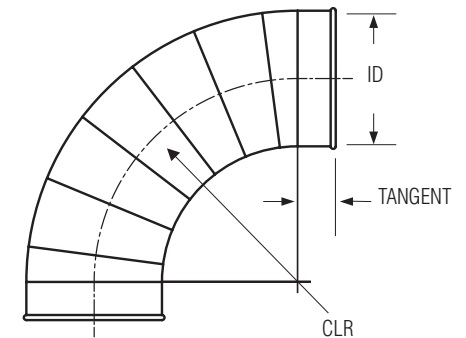


QF Segmented Bends

Ø mm	O/D mm	I/D mm	Bend Degrees Available	CLR (Center Line Radius)	Tangents mm	Galvanised Steel	30°	45°	60°	90°			
							Weight kg						
200	200	199	30° 45° 60° 90°	300	50.00	0.7	0.8	1.2	1.6	2.5			
224	224	223		336			1.0	1.5	2.0	3.1			
250	250	249		375			1.3	1.9	2.5	3.8			
280	280	279		420			1.4	2.0	2.7	4.1			
315	313	312		472.5			2.0	2.9	3.9	5.9			
350	348	347		525			2.9	3.8	4.8	6.8			
400	400	398		600			3.8	5.1	6.3	8.8			
450	449	447		675			4.6	6.2	7.7	10.9			
500	499	497		750			5.6	7.5	9.4	13.3			
560	559	557		840			8.2	11.4	14.6	20.9			
630	629	627		945			10.2	14.2	18.1	26.1			
710	709	707		1065			12.6	17.7	22.9	33.2			
									0.9				



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

Temperature Rating of Product Components		
° C	Segmented Bend	Sealants
200°	Galvanised Steel	
121°		3M Metal Sealant 2084
-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.

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

Longitudinal seam type: groove (lockform) seam

Ends: Standard QF end can be changed to Raw ID, Raw OD, RawFlex / Hose (RF), Flat Flange (FFL).

Compliance / Rating of Product Components		
Product	Material	Compliance / Rating
Segmented bend	Galvanised steel	JIS G 3302 with G90 Rating
3M Metal Sealant 2084	Acetone blend	AAMA Specification 801.1

