

Swifts® MRF medium duty fittings

inside and outside risers – 90°, 60°, 45° and 30°

25

90° inside and outside risers – dimensions and weights

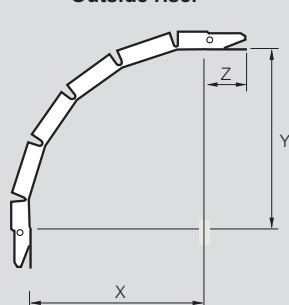
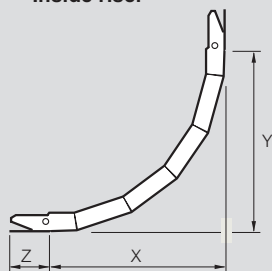
Dimensions

Cat. No. MRFIR **W F**

Cat. No. MRFOR **W F**

Inside riser

Outside riser



Cat. Nos.	Width	X	Y	Z	Weight (kg)
MRFIR 50 F	50	260	260	55	0.5
MRFIR 75 F	75	260	260	55	0.6
MRFIR 100 F	100	260	260	55	0.7
MRFIR 150 F	150	260	260	55	0.9
MRFIR 225 F	225	260	260	55	1.3
MRFIR 300 F	300	260	260	55	1.7
MRFIR 450 F	450	260	260	55	3.0
MRFIR 600 F	600	260	260	55	4.0
MRFIR 750 F	750	260	260	55	6.6
MRFIR 900 F	900	260	260	55	7.9

Cat. Nos. given in the table are for inside risers. For outside risers substitute MRFOR for MRFIR. All fixed risers radius = 260 mm

60° inside and outside risers – dimensions and weights

Cat. Nos.	Width	X	Y	Z	Weight (kg)
MRFIR 50 60 F	50	269	155	55	0.4
MRFIR 75 60 F	75	269	155	55	0.5
MRFIR 100 60 F	100	269	155	55	0.5
MRFIR 150 60 F	150	269	155	55	0.7
MRFIR 225 60 F	225	269	155	55	1.0
MRFIR 300 60 F	300	269	155	55	1.3
MRFIR 450 60 F	450	269	155	55	2.4
MRFIR 600 60 F	600	269	155	55	3.2
MRFIR 750 60 F	750	269	155	55	4.0
MRFIR 900 60 F	900	269	155	55	4.8

Cat. Nos. given in the table are for inside risers. For outside risers substitute MRFOR for MRFIR. All fixed risers radius = 260 mm

45° inside and outside risers – dimensions and weights

Cat. Nos.	Width	X	Y	Z	Weight (kg)
MRFIR 50 45 F	50	220	91	55	0.4
MRFIR 75 45 F	75	220	91	55	0.4
MRFIR 100 45 F	100	220	91	55	0.5
MRFIR 150 45 F	150	220	91	55	0.6
MRFIR 225 45 F	225	220	91	55	0.8
MRFIR 300 45 F	300	220	91	55	1.1
MRFIR 450 45 F	450	220	91	55	2.0
MRFIR 600 45 F	600	220	91	55	2.7
MRFIR 750 45 F	750	220	91	55	3.3
MRFIR 900 45 F	900	220	91	55	4.0

Cat. Nos. given in the table are for inside risers. For outside risers substitute MRFOR for MRFIR. All fixed risers radius = 260 mm

Key : Replace the letter shown in red with your choice from the following options :

F = Finish : **G** (hot dip galvanised after manufacture),
D (deep galvanised), **PG** (pre-galvanised steel),
S (stainless steel), **E** (powder coated black RAL 9005)

30° inside and outside risers – dimensions and weights

Cat. Nos.	Width	X	Y	Z	Weight (kg)
MRFIR 50 30 F	50	157	42	55	0.3
MRFIR 75 30 F	75	157	42	55	0.3
MRFIR 100 30 F	100	157	42	55	0.4
MRFIR 150 30 F	150	157	42	55	0.5
MRFIR 225 30 F	225	157	42	55	0.7
MRFIR 300 30 F	300	157	42	55	0.9
MRFIR 450 30 F	450	157	42	55	1.6
MRFIR 600 30 F	600	157	42	55	2.1
MRFIR 750 30 F	750	157	42	55	2.7
MRFIR 900 30 F	900	157	42	55	3.2

Cat. Nos. given in the table are for inside risers. For outside risers substitute MRFOR for MRFIR. All fixed risers radius = 260 mm

Note: 50 mm wide not available in D finish

Dimensions

X = Length of fitting from each end (excluding integral coupler)

Y = Length of fitting from each end (excluding integral coupler)

Z = End extension of inte

Weights

All weights given are in kilograms (kg) and are for hot dip galvanised G finish

To obtain the appropriate component weight in other finishes, multiply the given weight by the following factors :

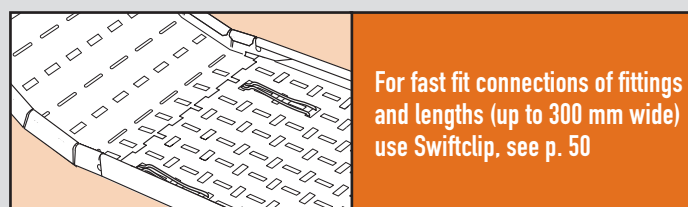
Deep galvanised (D) x 1.06

Stainless steel (S) x 0.94

Pre-galvanised (PG) x 0.96

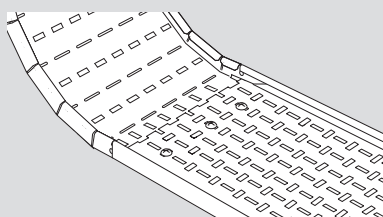
Powder coated (E) x 0.97

Assembly using Swiftclip – inside and outside risers



Assembly using fasteners – inside and outside risers

Coupling detail



Riser to straight length coupling

Risers have integral couplers which fit into straight lengths whether they have been cut to length or not, without the need for further drilling. Each riser to length joint is secured with M6 x 12 bolts (roofing or pan head), nuts and washers or quick bolt fasteners (Cat. No. QBF), see p. 50. Fasteners are not included

Minimum number of fasteners per joint :

Widths up to 225 = 2

Widths 300 to 600 = 3

Widths 750 and 900 = 4

Fastener finishes

For risers with G, D and PG finishes, fasteners are galvanised or zinc plated

For risers with S finish, fasteners are stainless steel

For risers with E finish, the choice of material for fasteners will depend on the installation environment. For further information, contact us on +44 (0) 345 605 4333

All dimensions (mm) are nominal

➔ MRF adjustable risers : see p. 57