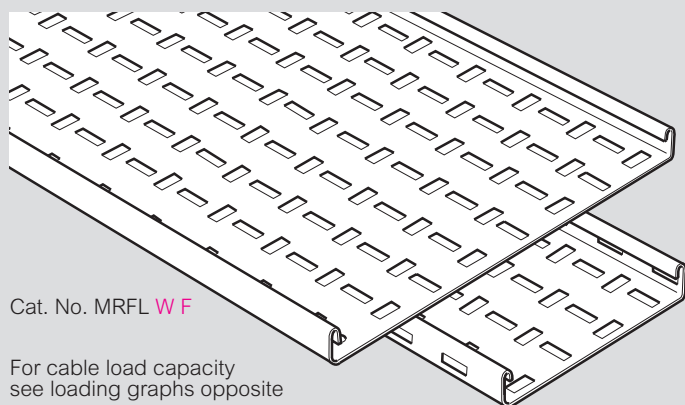


# Swifts® MRF medium duty return flange

straight lengths

25

## ■ Dimensions and weights

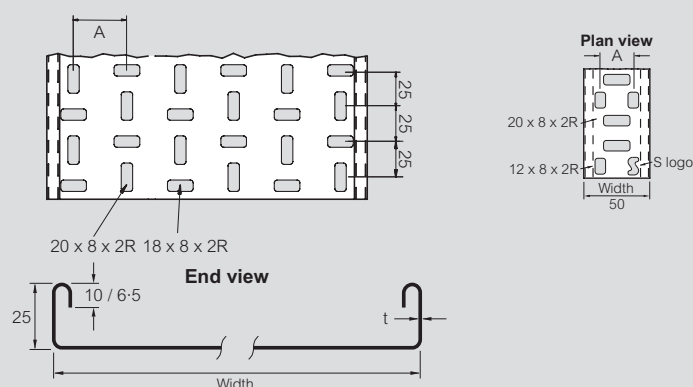


Cat. No. MRFL **W F**

For cable load capacity see loading graphs opposite

## ■ Dimensions

Standard length 3 m



Width (mm)	A (mm)
50	25.00
75	37.50
100	31.75
150 to 900	37.50

R = radius

## ■ Gauges and weights

The gauge 't' for each cable tray width and finish can vary by product and range

Non-standard gauges and finishes are available to special order, contact us on +44 (0) 345 605 4333

Cat. Nos.	Width (mm)	Weight (kg)	Gauge t (mm) G	PG
MRFL 50 <b>F</b>	50	2.0	0.7	0.7
MRFL 75 <b>F</b>	75	2.6	0.7	0.7
MRFL 100 <b>F</b>	100	3.0	0.8	0.7
MRFL 150 <b>F</b>	150	3.9	0.8	0.8
MRFL 225 <b>F</b>	225	6.8	1.0	0.8
MRFL 300 <b>F</b>	300	9.2	1.2	1.0
MRFL 450 <b>F</b>	450	16.5	1.2	1.2
MRFL 600 <b>F</b>	600	21.6	1.2	1.2
MRFL 750 <b>F</b>	750	33.7	1.5	1.4
MRFL 900 <b>F</b>	900	39.7	1.5	1.4

All weights given are in kilograms (kg) and are for a 3 m straight length in 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



**Sheared steel (particularly stainless steel) does have relatively sharp edges and protective gloves must be worn during handling**

## ■ Loading graphs

Load tests carried out to BS EN 61537 and shown in kg/m

Cable fill figure is the maximum physical load of cables that can be fitted into tray and is based on 1700 kg/m³ as detailed in the BEAMA "Best Practice guide to cable ladder and cable tray systems"

The loads shown on all graphs are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load

The graphs show the maximum load for tray installed at a support spacing within its recommended range

### 50-300 mm width trays

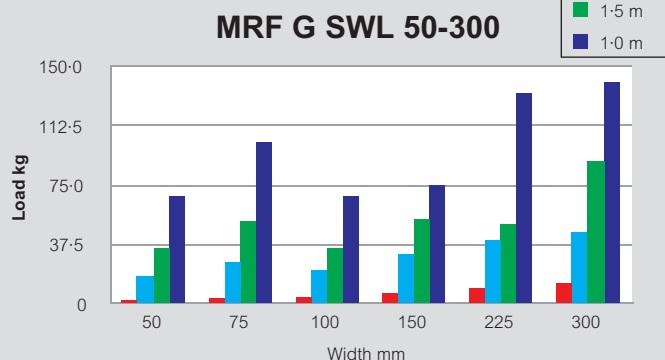


Table shown with results up to 300 mm wide obtained using the Swiftclip

### 450-900 mm width trays

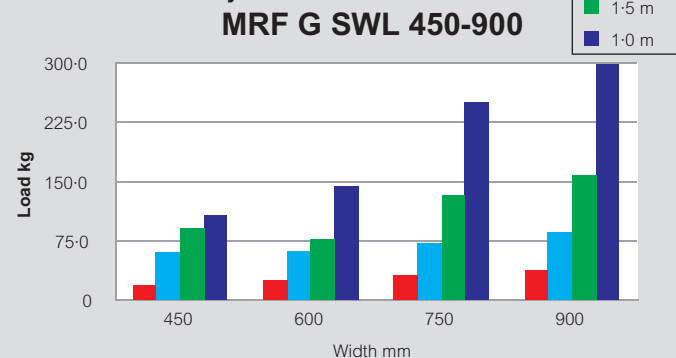


Table shown with results of 450 mm wide and above using Swiftgrips and UF fishplates

For lengths 450 mm wide and greater, the addition of fishplate Cat. No. WF **F** across the length-to-length joint provides added strength and increases the safe working load, **p. 105**

## ■ Finishes and standards

### Standard stocked finish :

**G** Hot dip galvanised after manufacture to BS EN ISO 1461

**PG** Pre-galvanised steel to BS EN 10346 : 2009 grade DX51D

### Additional finishes :

**D** Deep galvanised high silicon steel made from BS EN 10025-5 : 2004 Grade S355JOWP

**S** Stainless steel to BS EN 10088 - 2 grade 1.4404 (equivalent to 316L31)

**E** Powder coated (black RAL 9005)

### Note

50 mm wide not available in deep galvanised (D) finish

All dimensions (mm) are nominal

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)

→ Coupler sets and fixing options : see p. 47-50

→ Fishplates : see p. 105