

# GRP CABLE TRAYS

## DATASHEET



Step on Safety

### Physical & Mechanical Data

SafeLine GRP Cable Tray offers a lightweight but durable alternative to metal cable management systems.

- Non-conductive
- Long-lasting and zero-maintenance
- Easy to cut and adjust - non-sparking
- Rounded edges make it easy to handle



Tray Size	50mm	100mm	150mm	200mm	300mm	400mm	600mm
Weight (kg)	3.9	5.3	6.1	7.0	9.2	13.6	19.2
S Spacing (mm)	150	150	150	150	150	150	150
W Width (mm)	50	100	150	200	300	400	600
CC (mm)	300	300	300	300	300	300	300
A Hole Size (mm)	7	7	7	7	7	7	7
B Hole Size (mm)	6.5 x 20	6.5 x 20	6.5 x 20	6.5 x 20	6.5 x 20	6.5 x 20	6.5 x 204.5
T1 Thickness (mm)	3.0	3.0	3.0	3.0	3.0	4.0	4.5
T2 Thickness (mm)	3.0	4.0	4.0	4.0	5.0	5.0	5.0
H Height (mm)	50	50	50	50	50	50	50
L Length (mm)	3000	3000	3000	3000	3000	3000	3000
W2 Width (mm)	70	122	172	222	324	424	624

### FOR MORE INFORMATION

Call: 01206 396 446

Email: sales@steponsafety.co.uk

Visit: www.steponsafety.co.uk

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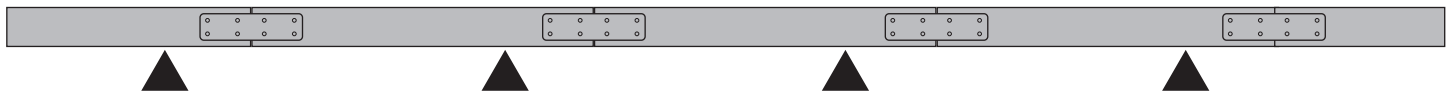
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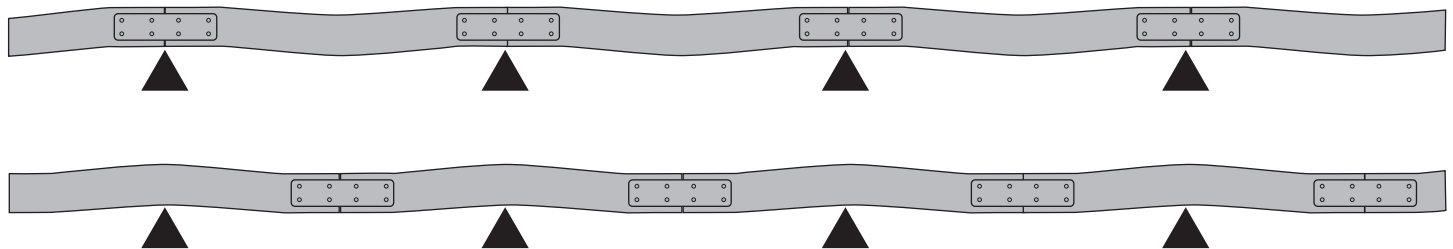
### Installing GRP Cable Trays Correctly

In order to minimize deflection and maximize the safe working load, the Cable Trays should be installed so that splice joints between horizontal runs sit at the quarter point of the span as illustrated below.

 **Recommended**



 **NOT Recommended**



### Safe Working Loads

All our GRP Cable Trays have been tested under the NEMA FG-1 mechanical loading specification.

	Tray Height	Loading Depth	SWL 2m Span	SWL 3m Span	Wall Thickness
Cable Tray	50mm	47mm	70 kg/m	59kg/m	3 <sup>1</sup> , 4 <sup>2</sup> , 5 <sup>3</sup>

Loading data according to IEC61537. The length of the end span must be reduced to 3/4 of the support spacing and with no splices on the end span.

<sup>1</sup> FTE50 50 mm wide. <sup>2</sup> FTE50 100-200 mm. <sup>3</sup> FTE50 300-600 mm

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