



Floor Grate – Type 1 to 4

The Floor Grates from Stoddart Manufacturing utilise stainless steel wedge wire shaped grates.

Wedge wire grates provide attractive appearance, high load bearing strength and large, clear openings to avoid plugging and blockages.

Type 1 and 3 offer 5mm spacing between wires for areas exposed to high-heeled shoes.

Type 2 and 4 have larger 10mm spacings for flow washing containing solids.

Type 3 and 4 are recommended for areas that may be exposed to heavier loads (see table on opposite page).

These Floor Grates are perfect for commercial kitchens, restaurants, shops, malls and gardens. They are available in a range of standard lengths and widths and can be custom manufactured to individual customer requirements.

Models:

SPFT.FG.XX.YYY.ZZZZ

Code explanation:

SPFT = Standard Product Floor Trough

FG = Floor Grate

XX = T1 – Type 1 grate

= T2 – Type 2 grate

= T3 – Type 3 grate

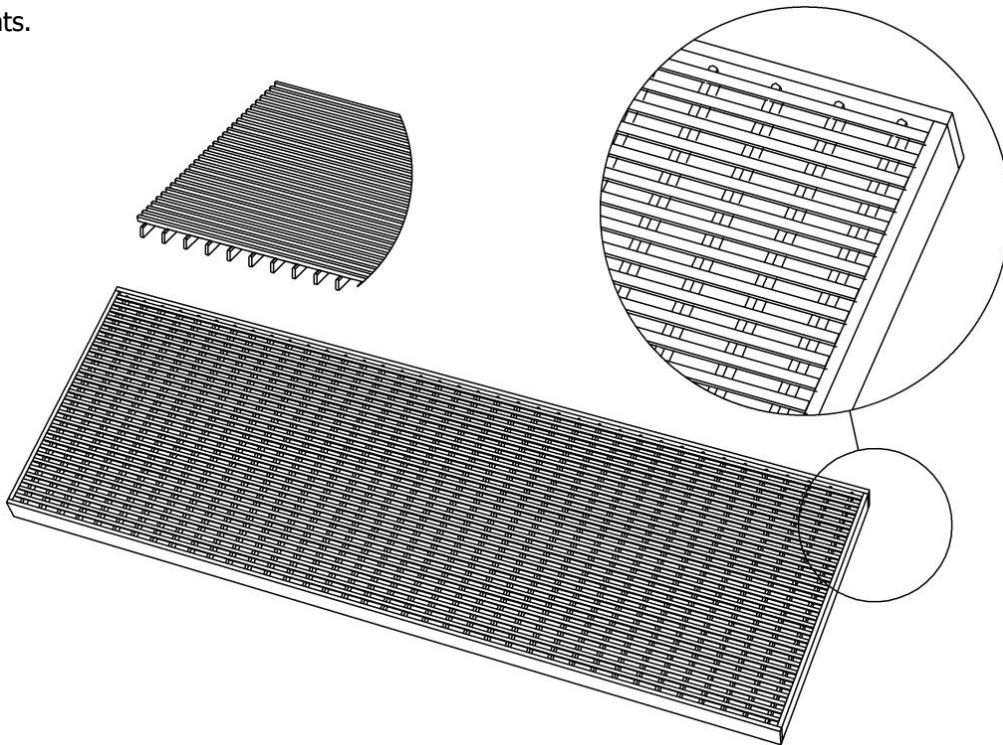
= T4 – Type 4 grate

YYY = Width of grate

ZZZZ = Length of grate

e.g.: for specification and ordering

SPFT.FG.T1.200.900



Features and Benefits:

- Stainless steel 304 welded construction.
- 32mm x 5mm stainless steel welded and polished perimeter frame.
- Proven wedge wire grate construction.

Due to continuous product research and development, the information contained herein is subject to change without notification.



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Specifications:

Construction:	304 grade stainless steel construction.
	Type 1: 4mm wedge wire, 5mm spacing, 12mm x 3mm support bars.
	Type 2: 4mm wedge wire, 10mm spacing, 12mm x 3mm support bars.
	Type 3: 4mm wedge wire, 5mm spacing, 25mm x 3mm support bars.
	Type 4: 4mm wedge wire, 10mm spacing, 25mm x 3mm support bars
Unit fixing	Unit can be set in concrete floor or anchored with screws.

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SPFT.FG.XX.YYY.ZZZZ

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SPFT.FG.T1.200.900

Australian Standard AS 3996-2006 covers access covers and grates for use in vehicular and pedestrian areas. It applies to covers and grates having clear openings less than 1300mm wide. The clear opening of a trough is the dimension of unobstructed opening for access in service with removable supporting beams in place. The clear opening of the rough is approximately 40mm less than the grate width.

The calculations are based on the standard mesh grate with support bars at 25mm centres.

Class	Definition as detailed in AS 3996	Service load (kN)	Grate Type (support size & spacing)	Maximum grate width
Class A	Extra Light Duty Areas (including footways) accessible only to pedestrians and pedal cyclists and closed to other traffic	6.7	Type 1 (12mm @ 25mm) Type 2 (12mm @ 25mm) Type 3 (25mm @ 25mm) Type 4 (25mm @ 25mm)	350mm 350mm 500mm 500mm
Class B	Light Duty Areas (including footways and light tractor paths) accessible to livestock or vehicles (excluding commercial vehicles)	53	Type 1 (12mm @ 25mm) Type 2 (12mm @ 25mm) Type 3 (25mm @ 25mm) Type 4 (25mm @ 25mm)	150mm 150mm 400mm 400mm
Class C	Medium Duty Malls and areas open to slow moving commercial vehicles	100	Type 3 (25mm @ 25mm) Type 4 (25mm @ 25mm)	350mm 350mm
Class D	Heavy Duty Carriageways of roads and areas open to commercial vehicles	140	Type 3 (25mm @ 25mm) Type 4 (25mm @ 25mm)	350mm 350mm
Classes E - G	Docks and Aircraft pavements Refer AS 3996	>140	N/A	N/A

Model No.	Length (mm)	Width (mm)	Height (mm)
SPFT.FG.XX.YYY.ZZZZ	YYY	ZZZZ	32

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