



APPLICATIONS / CIVIL ENGINEERING & CONSTRUCTION

# The Original Well-Void Tube

Buy Direct from the Manufacturer

## Type FR/4C Specification

- ▶ Galvanised mild steel to EN10346:2009
- ▶ We manufacture to any length
- ▶ Plastic caps supplied and fitted (if required)
- ▶ Grout saddles supplied and fitted (if required)
- ▶ Manufactured on site
- ▶ Bulk delivery
- ▶ No order to small
- ▶ Rapid delivery service

Prospect Works  
Airedale Road  
Keighley  
BD21 4LW

**T. 01535 664231**  
**E. [sales@wells-spiral.co.uk](mailto:sales@wells-spiral.co.uk)**  
**[wells-spiral.co.uk](http://wells-spiral.co.uk)**



# Well-Void Tube

## Description

Wells Spiral Tubes are one of the only manufacturers of this product in the UK. As we are able to manufacture our own tube and do not import, this enables us to offer our customers any length of tube required thus eliminating waste. We can offer a wide range of diameters starting from 40mm - 1000mm (please download one of our Well Void PDF leaflets for any technical information on this product).

Well Void was designed specifically to be a versatile high strength-low cost bored pile liner for the construction industry. These tubes can be connected to a trail of pipes securing by using either a screwed or push coupler or one of our Well Void reducers. All the above applications engage over the corrugation helix.

## Applications

Well Void Type tube have a unique profile designed for maximum strength to weight ratio and to provide an economical duct. Applications include:-

### Permanent pile liners, wells and caissons

Prevents seepage and fall-in, simplifies construction and reduces preparation time. Resists the distortions caused by the hydrostatic pressures of concrete.

### Void formers in concrete

Light weight and is economical to install in bridges and concrete structures, will not leach from surrounding concrete, grout proof end caps available.

### Column forming in buildings

Eliminates costly traditional methods of column forming. Pre-cut lengths – just position and pour.

## Sizes

### Well Void FR tube also available in ovalised

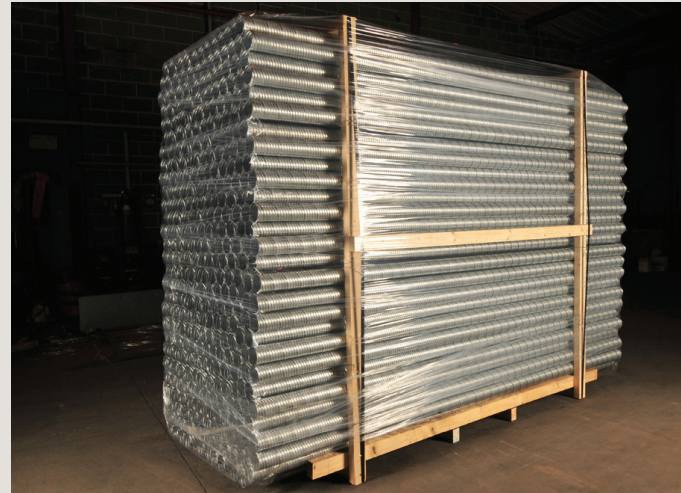
Diameters from 40mm – 120mm (any length)

### 3C Type Tube

All diameters from 125mm up to 1000mm are referred to as 3C Type tube. A PDF is also available to download from our website.

### Rectangular Type Tube

Is supplied in one size only 165 x 65mm



## Features



The unique deep roll-formed internal corrugations which guarantees the maximum strength to weight ratio.



Resists the distortions caused by the hydrostatic pressures of concrete.



Ensures a first class sure bond to concrete.



Socketed lockseam which minimises any restriction in the annulus during pile case retrieval.



Versatile high strength-low cost.



Considerable material cost savings due to the reinforcing effect of the 4-ply lockseam.





# Well-Void Type FR/4c

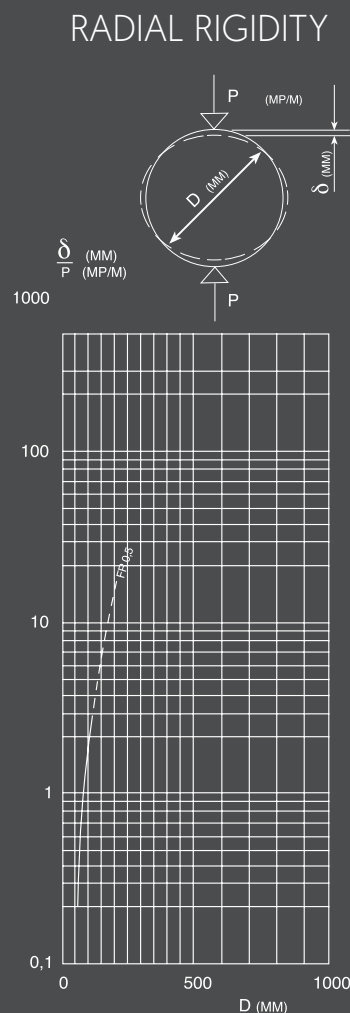
## CORRUGATED SHEATHING

Material: Galvanised Mild Steel to EN10346:2009  
Mild steel to EN10130:2006

Diameters: Nominal + 2mm - 0mm

The continuous curve indicates recommended dimensions for normal applications.

The diagram shows the test pipes rigidity. For special fields of application tensions must also be checked.



### CIRCULAR PROFILE

Nom Dia [mm]	ID	0.5mm kg/M	0.4mm kg/m	Plastic end plugs
41	40	0.70	N/A	0.20
46	45	0.74	0.60	0.30
51	50	0.80	0.64	0.40
56	55	0.85	0.68	0.50
58	57	0.94	0.75	0.60
61	60	1.02	0.82	0.60
66	65	1.05	0.84	0.65
71	70	1.12	0.90	0.70
76	75	1.19	0.96	0.75
81	80	1.29	1.03	0.80
86	85	1.30	1.04	0.85
88	87	1.39	1.11	0.90
91	90	1.44	1.15	0.90
96	95	1.48	1.18	1.00
101	100	1.57	1.26	1.20
103	102	1.64	1.31	1.25
110	109	1.67	1.33	1.30
120	119	1.76	N/A	1.45

NB:- FR/1c available from 100 dia and larger (0.5mm)



### OVALISED PROFILE

NOM DIA mm	0.5mm KG/MTR
60x30	0.80
60x40	0.85
75x25	0.85
75x50	1.02
80x40	1.02
80x50	1.05
80x60	1.12
85x50	1.12
85x55	1.19
90x50	1.19
90x60	1.29
95x55	1.29
100x41	1.19
100x60	1.30
100x63	1.30
100x70	1.44
100x80	1.44
102x52	1.29
105x43	1.29
110x50	1.30
115x50	1.30
120x60	1.48
120x80	1.57
125x50	1.48
130x60	1.57
135x50	1.57
120x70	1.57
140x80	1.67
150x70	1.70
160x80	1.78

Need bespoke spiral tubing? Not a problem!

**Give us a call on 01535 664231**

Or send us your specification at <http://wells-spiral.co.uk/application/civil-engineering-construction/well-void-tube/>



# We also do:

APPLICATIONS / CIVIL ENGINEERING & CONSTRUCTION



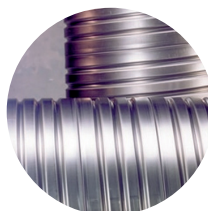
Plastic End Caps



Reducing Coupler



Screwed Coupler



3C Type Tube



Slip Coated Liners



Drainage Culverts

**Other Applications:** Agriculture | Culverts and Drainage | Ductwork | Flue Systems | Specialised Products



## Unrivalled Support

Established in 1967 **Wells are one of the oldest and biggest British Independents** in the business and offer by far the widest range of standard and tailor-made spiral tubes in Europe.

Our fourteen tube manufacturing machines enable us to produce spiral tubing in mild steel, galvanised, aluzinc, aluminium and stainless steel as standard in diameters from 41mm up to 2200mm, and in gauges from 0.4mm up to 2.5mm.

This facility is backed up by an integral sheet metal work fabrication unit employing the latest CAD/CAM plasma techniques. We believe this capacity to be unrivalled in Europe, and our speed, quality of manufacture, delivery and reputation are unequalled by anyone.

Prospect Works  
Airedale Road  
Keighley  
BD21 4LW

**T. 01535 664231**  
**E. [sales@wells-spiral.co.uk](mailto:sales@wells-spiral.co.uk)**  
**[wells-spiral.co.uk](http://wells-spiral.co.uk)**