

PT 1 C2 Steel Duct SYSTEM

DS 295 E 0413



PT 1 C2 Steel DUCT SYSTEM

Technical Data

Duct System for corrosion protection of grouted post-tensioning tendons made from galvanized steel material.

Kind of Duct Thick wall stripwound welded corrugated steel duct with intermittent circular corrugation for corrosion protection of bonded post-tensioning tendons

Norm Design and Material comply with EN 523/524 Class 2, PTI

Materials

- Duct available as PT 1 C2 BS in blank steel
- Duct available as PT 1 C2 GS in hot dip or cold dip galvanized steel

PT 1 C2 Steel Duct PT1 C2 Steel Duct is available in different wall thickness according project requirements

Sizes

IP-GS Steel		Weight Kg/m for		
Model	Type	0,4	0,5	0,6
35/44	round	0,48		
40/49	round	0,54		
45/54	round	0,61		
50/59	round	0,68		
55/64	round	0,74	0,93	1,12
60/69	round	0,81	1,02	1,22
65/74	round	0,88	1,10	1,32
70/79	round	0,95	1,19	1,42
75/84	round	1,02	1,27	1,52
80/89	round	1,08	1,35	1,63
85/94	round	1,15	1,44	1,73
90/99	round	1,22	1,52	1,83
95/104	round	1,29	1,61	1,93
100/109	round	1,35	1,69	2,03
105/114	round	1,42	1,78	2,13
110/119	round	1,49	1,86	2,23
115/124	round	1,56	1,95	2,34

		Weight Kg/m for		
Model	Type	0,4	0,5	0,6
120/129	round	1,63	2,03	2,44
125/134	round	1,69	2,12	2,54
130/139	round	1,76	2,20	2,64
135/144	round	1,83	2,29	2,74
140/149	round	1,90	2,37	2,84
145/154	round	1,96	2,45	2,95
150/159	round	2,03	2,54	3,05
155/164	round	2,10	2,62	3,15
160/169	round	2,16	2,70	3,25
165/174	round	2,23	2,79	3,35
170/179	round	2,30	2,88	3,45
175/184	round	2,37	2,96	3,55
180/189	round	2,43	3,05	3,66
185/194	round	2,51	3,13	3,76
190/199	round	2,57	3,22	3,86
195/204	round	2,64	3,30	3,96
200/209	round	2,71	3,39	4,06

Duct Length All sizes available in straight length standard 11,5 or 5,8 m. Other straight length on request.

Wall Thickness Available wall thickness 0,4mm, 0,5mm, 0,6mm (+/-10%)

Material Properties Blank steel material: Cold-rolled strip DC01 acc. EN 10139 with thickness tolerance EN 10140
Galvanized steel material: Cold rolled strip DX51D + Z100MB acc. EN 10327.

Product Properties According EN 523/524

Jointing Steel Coupler

Fittings Port vents, Vent pipes, Valves, End caps, Shrink pipe couplers, Shrink sleeve couplers

Grout Port Connection PESTEC Grout Ports to be connected directly to the duct in economic, easy, professional, safe and using our special welding equipment.

Contact us for more details.

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