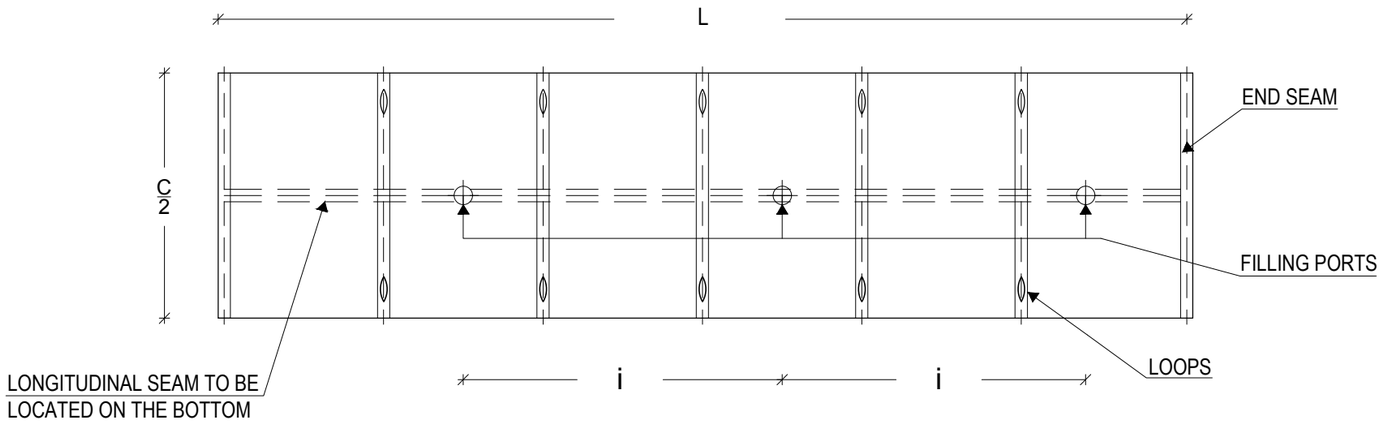
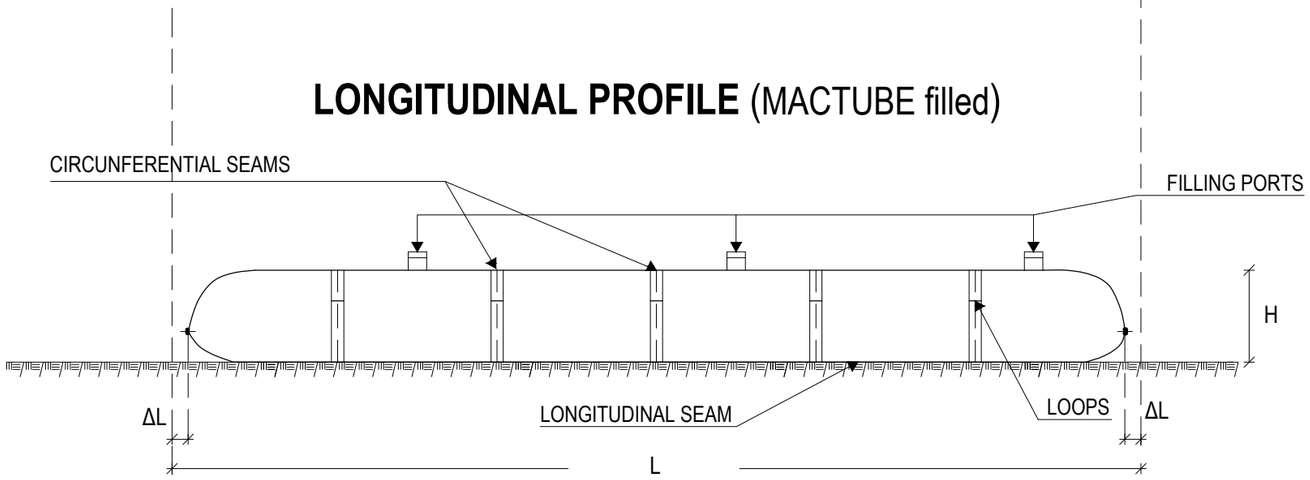
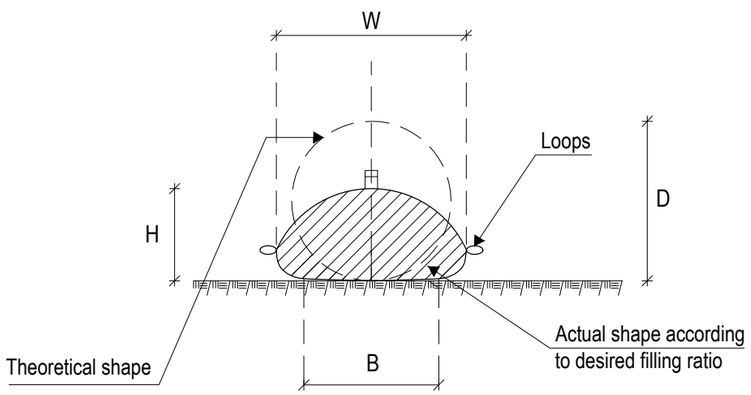
PLAN (MACTUBE empty)



LONGITUDINAL PROFILE (MACTUBE filled)



TYPICAL SECTION (MACTUBE filled)



LEGEND

D:	theoretical diameter	[m]
C:	theoretical circumference	[m]
L:	theoretical length	[m]
ΔL:	length reduction	[m]
H:	maximum filling heigth	[m]
B:	base width	[m]
W:	width	[m]
A:	cross section	[m²]
i:	filling ports distance	[m]

MACTUBES AVAILABLE COMBINATIONS

Area [m2/m]	C [m]	D [m]	Geotextile Maccaferri Code	H [m]	W [m]	B [m]
43,0	30,2	9,6	MT WF 25S.16	3,8	13,5	11,3
40,0			MT WF 20S.19	3,4	13,5	11,8
38,5			MT WF 17S.16	3,2	13,5	12,0
36,0	28,2	9,0	MT WF 20S.19	3,3	12,5	11,0
35,5			MT WF 17S.16	3,2	12,5	11,0
33,0	25,9	8,2	MT WF 20S.19	3,3	11,5	9,6
31,0			MT WF 17S.16	3,1	11,5	10,0
25,5	21,6	6,9	MT WF 20S.19	3,2	9,5	7,5
24,0			MT WF 17S.16	3,0	9,5	7,7
22,0			MT WF 09S.25	2,6	9,5	8,2
22,0	20,0	6,4	MT WF 17S.16	3,0	8,5	6,8
19,0			MT WF 09S.25	2,5	9,0	7,5
19,0	18,0	5,7	MT WF 17S.16	2,9	7,5	6,0
17,0			MT WF 12S.19	2,5	8,0	6,5
15,0			MT WF 09S.25	2,2	8,0	6,8
14,0			MT WF 75S.55	2,0	8,0	7,0
18,5	17,2	5,5	MT WF 20S.19	3,1	7,0	5,1
16,0			MT WF 12S.19	2,5	7,5	6,0
14,5			MT WF 9S.20	2,2	7,5	6,4
13,5			MT WF 75S.55	2,0	7,5	6,6
16,0	15,7	5,0	MT WF 20S.19	3,0	6,5	4,4
15,2			MT WF 17S.16	2,8	6,5	4,7
14,0			MT WF 12S.19	2,5	6,5	5,2
13,3			MT WF 10S.20	2,3	6,7	5,5
13,0			MT WF 09S.25	2,2	6,8	5,6
12,0			MT WF 75S.55	2,0	7,0	5,8
10,2	12,6	4,0	MT WF 20S.19	2,4	5,0	3,5
10,2			MT WF 17S.16	2,4	5,0	3,5
10,0			MT WF 12S.19	2,3	5,0	3,7
9,6			MT WF 10S.20	2,2	5,2	3,9
9,5			MT WF 09S.25	2,1	5,5	4,0
8,8			MT WF 75S.55	1,9	5,5	4,3
7,5	10,8	3,4	MT WF 12S.19	2,1	4,5	3,0
7,5			MT WF 09S.25	2,0	4,5	3,1
7,0			MT WF 75S.55	1,8	4,5	3,5
5,5	9,2	2,9	MT WF 09S.25	1,8	4,0	2,5
5,4			MT WF 75S.55	1,7	4,0	2,7
5,0	8,6	2,7	MT WF 75S.55	1,7	3,5	2,3
4,9			MT WF 0811.35			
4,5			MT WF 05S.60			

NOTE:

1. Length reduction (ΔL) to be evaluated - typical values are within 23% and 29% H (maximum filling heigth) based on filling material and consolidation. Please refer to the closest Maccaferri office for more details;
2. Maximum filling height (H) might differ from the final height due to water dissipation and consolidation/densification process;
3. Maximum filling height (H) included in this document is intented in dry conditions. Filling height in underwater conditions might be higher due to water confinement effect. Please refer to the closest Maccaferri office for further information.
4. The position and spacing of filling ports is determined by the size of tubes. Generally, the ports at the beginning/end of the tube are placed at 1.5m from each end . Spacing between two neighboring ports should not be more than 13m.
5. Geotubes length might vary between 15m and 40m, typically in multiples of 5.
6. For a quick design check or selection of the appropriate requested geotextile tube, please visit our website https://edesign.maccaferri.com/Gestione

Officine Maccaferri S.p.A. assumes no responsability for drawings and calculations provided, as they must be intended as a general indication to suggest the proper use of its products.

Rev:	Note:	Dis:	Ver:	Data:

Drawing Title: MACTUBES - TYPICAL DRAWINGS GENERAL

Scale: 1:200 (@A3)

Project No:

File name: MACTUBES - TYPICAL DRAWINGS GENERAL

Rev: 00

Designed: F.G. Date: 11/02/13

Draw: S.R. Date: 11/02/13

Approved: G.L. Date: 23/11/20

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NOT FOR CONSTRUCTION

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