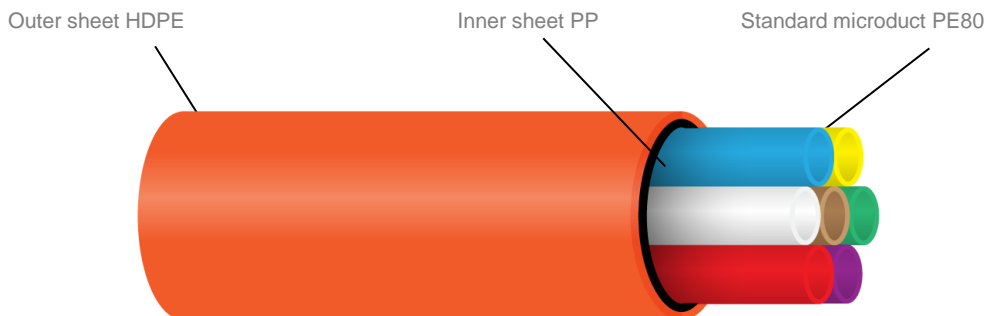


Type:	Prefabricated pipe	REV: 1.1
Ref. code:	MT-DB-xx, see order information	
Date:	16.03.2017	PG
Modification:	06.02.2019	PG

Prefabricated ducts MetroJET MT-DB



*not in scale

OVERVIEW:

MT-DB prefabricated and direct-buried pipes of Fibrain MetroJET system are bundle of microducts in a double polypropylene and polyethylene (PP/HDPE) coat. Sturdy construction provides high pressure resistance from 750N to even 3,5kN. Such parameters provide the possibility of using pipes in any direct-buried installations with no need to use other pipes. Therefore, MT-DB pipes can be placed in almost all of the mechanized systems – including the use of cable ploughing machines. Double coat protects against water penetration, especially in the rocky ground.

APPLICATIONS:

- Metro networks of MetroJET system
- Distribution networks of MetroJET system
- FTTx networks of MetroJET system

FEATURES & BENEFITS:

- Prefabricated pipes with double PP/HDPE coat
- To be directly installed in the ground
- Possibility of hybrid construction with various microducts

TECHNICAL SPECIFICATION:








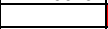










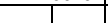

Characteristic	MT-DB-0507	MT-DB-0512	MT-DB-0518	MT-DB-0519	MT-DB-0524	MT-DB-0703	MT-DB-0707	MT-DB-1003	MT-DB-1005	MT-DB-1007	MT-DB-1207
Nominal diameter outside mikroduct [mm]	5			7			10			12	
Nominal thickness mikroduct [mm]	0,5			0,75			1			1,2	
Nominal diameter of the outther shell [mm]	22,2	28	43	33,4	38,4	20,5	28	27,4	34,8	38,4	44,4
Nominal thickness of the inner shell [mm]	1,9	1,5	-	2,3	2,5	-	-	1,2	1,5	2,5	2,2
Nominal thickness outer shell [mm]	1,7	2,11	-	1,9	1,7	-	-	1,7	-	1,7	2,0
Compressive strength at a strain of 5% [N]	4000	2100	-	2800	3400	-	-	1100	-	2100	2000
Minimum bending radius on the drum [mm]	800	1100	-	1200	1200	-	-	1000	-	1200	1400
Weight [kg/km]	264	372	-	545	680	-	-	290	-	610	796
Maximum installation power (the outer shell) [N]	3150	4130	-	5750	6750	-	-	3100	-	6750	7950
Impact resistance 25°C/50°C [J]	19/18	31/29	-	17/15	17,5/17	-	-	30/27	-	15/15	60/28

DSH: MT-DB-xx-REV: 1.1

MetroJET microducting

Type:	Prefabricated pipe	REV: 1.1
Ref. code:	MT-DB-xx, see order information	
Date:	16.03.2017	PG
Modification:	06.02.2019	PG

IDENTIFICATION:

Outer shell HDPE										
Inner shell PP										
Microducts PE80	1	2	3	4	5	6	7	8	9	10
Code	RAL 5015	RAL 2003	RAL 6017	RAL 8011	RAL 7031	RAL 9010	RAL 3016	RAL 1023	RAL 9017	RAL 6027
Color										
	11	12	13	14	15	16	17	18	19	20
Code	RAL 4003	RAL 4005	RAL 5015	RAL 2003	RAL 6017	RAL 8011	RAL 7031	RAL 9010	RAL 3016	RAL 3016
Color										

OVERPRINT:

Printing done in the factory with intervals at 1m:

- Name of Manufacturer: FIBRAIN METROJET
- Product Description: MT-DB-1207
- Year of production: xxxx
- Batch marker: xxxx
- Length markers according to metric value

Marking accuracy is ± 0.5%. Random printed dropouts according to the parameters defined by the standard Bellcore GR 20 On request, for larger orders available marking to customer specification

Example: FIBRAIN METROJET MT-DB-1207 "YEAR" "MARKER PARTY" "MARK LONG"

ACCESSORIES:

Connectors, plugs	Tools
MT-OP	MT-TC
MT-OY	MT-TC1
MT-OT	MT-TC2
MT-OH	MT-TC3
MT-ZTT	

ORDERING INFORMATION:

MT-DB prefabricated primary ducts	
MT-DB-0507	MetroJET prefabricated primary pipe 7 microducts 5/3.8 mm
MT-DB-0512	MetroJET prefabricated primary pipe 12 microducts 5/3.8 mm
MT-DB-0518	MetroJET prefabricated primary pipe 18 microducts 5/3.8 mm + 3 microducts 10/8 mm
MT-DB-0519	MetroJET prefabricated primary pipe 19 microducts 5/3.8 mm
MT-DB-0524	MetroJET prefabricated primary pipe 24 microducts 5/3.8 mm + 1 microduct 10/8 mm
MT-DB-0703	MetroJET prefabricated primary pipe 3 microducts 7/5.5 mm
MT-DB-0707	MetroJET prefabricated primary pipe 7 microducts 7/5.5 mm
MT-DB-1003	MetroJET prefabricated primary pipe 3 microducts 10/8 mm
MT-DB-1005	MetroJET prefabricated primary pipe 5 microducts 10/8 mm + 1 microduct 7/5.5 mm
MT-DB-1007	MetroJET prefabricated primary pipe 7 microducts 10/8 mm
MT-DB-1207	MetroJET prefabricated primary pipe 7 microducts 12/10 mm
MT-DB prefabricated ducts with a duct locator	
MT-DB-1007-PL05	MetroJET prefabricated primary pipe 7 microducts 10/8 mm with 0.5 mm duct locator

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.