



AGROTICA
AGRICULTURE SERVICES

-  PIPES
-  FITTINGS
-  VALVES
-  FILTERS
-  LANDSCAPES
-  SYNTHETIC LINER

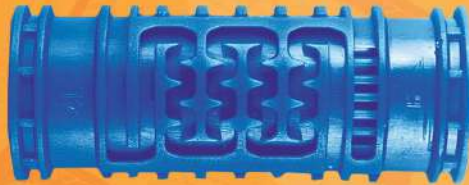
PRODUCT CATALOGUE 2025

AGROTICA DRIPLINE



OVAL

Integrated Flat Dripper in 16MM & 20MM flat pipe, flow rates 1.0, 2.0, and 4.0 LPH



MINILINE

Integrated Cylindrical 32MM dripper, OD 16MM and 20MM, flow rates 2.0, 4.0 & 8.0 LPH



AGROPC

Integrated PC Cylindrical 39MM dripper, OD 16MM and 20MM, flow rates 2.0, & 4.0 LPH

AGROLINE

Integrated Cylindrical 69MM dripper, OD 16MM and 20MM, flow rates 2.0, & 4.0 LPH



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CERTIFICATION

CERTIFICATE **TÜV AUSTRIA**

**Management System as per
EN ISO 14001 : 2015**

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

ADRITEC EUROPE S.A.
**16th km Larissa-Agia, Location of Kalderimi or Mavrogia
GR-400 06 LARISSA, GREECE**

Applies an Environmental Management System in line with the above Standard for the following Scope

MANUFACTURE AND SALES OF DRIP IRRIGATION SYSTEMS.

Certificate Registration No.: 011838705674 Valid until: 2024-01-19
Initial certification: 2012-12-14

Maria Agapitou
Maria Agapitou
Head of Management Systems & Products Certification Division
Certification Body
at TÜV AUSTRIA
Athens, 2024-01-19

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

TÜV AUSTRIA HELLAS
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GEMI No: 1650201000

IAF MS Certification No. of Certificate 238

Certification No. 011838705674

Headquarters in Athens bear the responsibility of the Certification decision.

ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | CERTIFIKAT | 証明書 | 인증서



CERTIFICATE **TÜV AUSTRIA**

**Management System as per
EN ISO 9001 : 2015**

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

ADRITEC EUROPE S.A.
**16th km Larissa-Agia, Location of Kalderimi or Mavrogia
GR-400 06 LARISSA, GREECE**

Applies a Quality Management System in line with the above Standard for the following Scope

MANUFACTURE AND SALES OF DRIP IRRIGATION SYSTEMS.

Certificate Registration No.: 01012545 Valid until: 2027-01-18
Initial certification: 2012-12-14

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Athens, 2024-01-19

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

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PIPES - MICRO IRRIGATION

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AGROLINE F16		
Dripper Spacing	Code	m/coil
15cm	AL16◇ 15	400
20cm	AL16◇ 20	400
25cm	AL16◇ 25	400
30cm	AL16◇ 30	400
33cm	AL16◇ 33	400
40cm	AL16◇ 40	400
50cm	AL16◇ 50	400
60cm	AL16◇ 60	400
75cm	AL16◇ 75	400
80cm	AL16◇ 80	400
100cm	AL16◇ 10	400

AGROLINE F20		
Dripper Spacing	Code	m/coil
15cm	AL20◇ 15	300
20cm	AL20◇ 20	300
25cm	AL20◇ 25	300
30cm	AL20◇ 30	300
33cm	AL20◇ 33	300
40cm	AL20◇ 40	300
50cm	AL20◇ 50	300
60cm	AL20◇ 60	300
75cm	AL20◇ 75	300
80cm	AL20◇ 80	300
100cm	AL20◇ 10	300

- ◇ Filled in with 2, 4 ή 8 according to the flow (2, 4 ή 8L/h).
- Upon request produced at any distance.

AGROLINE F16 Small packs		
Dripper Spacing	Code	m/coil
15cm	AL16◇ 15100	100
20cm	AL16◇ 20100	100
25cm	AL16◇ 25100	100
30cm	AL16◇ 30100	100
33cm	AL16◇ 33100	100
40cm	AL16◇ 40100	100
50cm	AL16◇ 50100	100
60cm	AL16◇ 60100	100
75cm	AL16◇ 75100	100
80cm	AL16◇ 80100	100
100cm	AL16◇ 10100	100

AGROLINE F20 Small packs		
Dripper Spacing	Code	m/coil
15cm	AL20◇ 15100	100
20cm	AL20◇ 20100	100
25cm	AL20◇ 25100	100
30cm	AL20◇ 30100	100
33cm	AL20◇ 33100	100
40cm	AL20◇ 40100	100
50cm	AL20◇ 50100	100
60cm	AL20◇ 60100	100
75cm	AL20◇ 75100	100
80cm	AL20◇ 80100	100
100cm	AL20◇ 10100	100

- ◇ Filled in with 2, 4 ή 8 according to the flow (2, 4 ή 8L/h).
- Upon request produced at any distance.

1.1

Dripline | AGROLINE BROWN



AGROLINE F16 BROWN 		
Dripper Spacing	Code	m/coil
15cm	AL16◇ 15K	400
20cm	AL16◇ 20K	400
25cm	AL16◇ 25K	400
30cm	AL16◇ 30K	400
33cm	AL16◇ 33K	400
40cm	AL16◇ 40K	400
50cm	AL16◇ 50K	400
60cm	AL16◇ 60K	400
75cm	AL16◇ 75K	400
80cm	AL16◇ 80K	400
100cm	AL16◇ 10K	400

AGROLINE F20 BROWN 		
Dripper Spacing	Code	m/coil
15cm	AL20◇ 15K	300
20cm	AL20◇ 20K	300
25cm	AL20◇ 25K	300
30cm	AL20◇ 30K	300
33cm	AL20◇ 33K	300
40cm	AL20◇ 40K	300
50cm	AL20◇ 50K	300
60cm	AL20◇ 60K	300
75cm	AL20◇ 75K	300
80cm	AL20◇ 80K	300
100cm	AL20◇ 10K	300

- ◇ Filled in with 2, 4 ή 8 according to the flow (2, 4 ή 8L/h).
- Upon request produced at any distance.

AGROLINE F16 BROWN Small packs 		
Dripper Spacing	Code	m/coil
15cm	AL16◇ 15K100	100
20cm	AL16◇ 20K100	100
25cm	AL16◇ 25K100	100
30cm	AL16◇ 30K100	100
33cm	AL16◇ 33K100	100
40cm	AL16◇ 40K100	100
50cm	AL16◇ 50K100	100
60cm	AL16◇ 60K100	100
75cm	AL16◇ 75K100	100
80cm	AL16◇ 80K100	100
100cm	AL16◇ 10K100	100

AGROLINE F16 BROWN Small packs 		
Dripper Spacing	Code	m/coil
15cm	AL20◇ 15K100	100
20cm	AL20◇ 20K100	100
25cm	AL20◇ 25K100	100
30cm	AL20◇ 30K100	100
33cm	AL20◇ 33K100	100
40cm	AL20◇ 40K100	100
50cm	AL20◇ 50K100	100
60cm	AL20◇ 60K100	100
75cm	AL20◇ 75K100	100
80cm	AL20◇ 80K100	100
100cm	AL20◇ 10K100	100

- ◇ Filled in with 2, 4 ή 8 according to the flow (2, 4 ή 8L/h).
- Upon request produced at any distance.

1.1

Dripline | MINI LINE



MINI LINE F16		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15	400
20cm	ML16◇ 20	400
25cm	ML16◇ 25	400
30cm	ML16◇ 30	400
33cm	ML16◇ 33	400
40cm	ML16◇ 40	400
50cm	ML16◇ 50	400
60cm	ML16◇ 60	400
75cm	ML16◇ 75	400
80cm	ML16◇ 80	400
100cm	ML16◇ 10	400

MINI LINE F20		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15	300
20cm	ML20◇ 20	300
25cm	ML20◇ 25	300
30cm	ML20◇ 30	300
33cm	ML20◇ 33	300
40cm	ML20◇ 40	300
50cm	ML20◇ 50	300
60cm	ML20◇ 60	300
75cm	ML20◇ 75	300
80cm	ML20◇ 80	300
100cm	ML20◇ 10	300

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

MINI LINE F16 Small packs		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15100	100
20cm	ML16◇ 20100	100
25cm	ML16◇ 25100	100
30cm	ML16◇ 30100	100
33cm	ML16◇ 33100	100
40cm	ML16◇ 40100	100
50cm	ML16◇ 50100	100
60cm	ML16◇ 60100	100
75cm	ML16◇ 75100	100
80cm	ML16◇ 80100	100
100cm	ML16◇ 10100	100

MINI LINE F20 Small packs		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15100	100
20cm	ML20◇ 20100	100
25cm	ML20◇ 25100	100
30cm	ML20◇ 30100	100
33cm	ML20◇ 33100	100
40cm	ML20◇ 40100	100
50cm	ML20◇ 50100	100
60cm	ML20◇ 60100	100
75cm	ML20◇ 75100	100
80cm	ML20◇ 80100	100
100cm	ML20◇ 10100	100

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

1.1

Driplines | MINI LINE



MINI LINE F16 Small Packs		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15050	50
20cm	ML16◇ 20050	50
25cm	ML16◇ 25050	50
30cm	ML16◇ 30050	50
33cm	ML16◇ 33050	50
40cm	ML16◇ 40050	50
50cm	ML16◇ 50050	50
60cm	ML16◇ 60050	50
75cm	ML16◇ 75050	50
80cm	ML16◇ 80050	50
100cm	ML16◇ 10050	50

MINI LINE F20 Small Packs		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15050	50
20cm	ML20◇ 20050	50
25cm	ML20◇ 25050	50
30cm	ML20◇ 30050	50
33cm	ML20◇ 33050	50
40cm	ML20◇ 40050	50
50cm	ML20◇ 50050	50
60cm	ML20◇ 60050	50
75cm	ML20◇ 75050	50
80cm	ML20◇ 80050	50
100cm	ML20◇ 10050	50

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

MINI LINE F16 Small Packs		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15025	25
20cm	ML16◇ 20025	25
25cm	ML16◇ 25025	25
30cm	ML16◇ 30025	25
33cm	ML16◇ 33025	25
40cm	ML16◇ 40025	25
50cm	ML16◇ 50025	25
60cm	ML16◇ 60025	25
75cm	ML16◇ 75025	25
80cm	ML16◇ 80025	25
100cm	ML16◇ 10025	25

MINI LINE F 20 Small Packs		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15025	25
20cm	ML20◇ 20025	25
25cm	ML20◇ 25025	25
30cm	ML20◇ 30025	25
33cm	ML20◇ 33025	25
40cm	ML20◇ 40025	25
50cm	ML20◇ 50025	25
60cm	ML20◇ 60025	25
75cm	ML20◇ 75025	25
80cm	ML20◇ 80025	25
100cm	ML20◇ 10025	25

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

1.1

Driplines | MINI LINE BROWN



MINI LINE F16 BROWN 		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15K	400
20cm	ML16◇ 20K	400
25cm	ML16◇ 25K	400
30cm	ML16◇ 30K	400
33cm	ML16◇ 33K	400
40cm	ML16◇ 40K	400
50cm	ML16◇ 50K	400
60cm	ML16◇ 60K	400
75cm	ML16◇ 75K	400
80cm	ML16◇ 80K	400
100cm	ML16◇ 10K	400

MINI LINE F20 BROWN 		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15K	300
20cm	ML20◇ 20K	300
25cm	ML20◇ 25K	300
30cm	ML20◇ 30K	300
33cm	ML20◇ 33K	300
40cm	ML20◇ 40K	300
50cm	ML20◇ 50K	300
60cm	ML20◇ 60K	300
75cm	ML20◇ 75K	300
80cm	ML20◇ 80K	300
100cm	ML20◇ 10K	300

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

MINI LINE F16 BROWN Small Packs 		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15K100	100
20cm	ML16◇ 20K100	100
25cm	ML16◇ 25K100	100
30cm	ML16◇ 30K100	100
33cm	ML16◇ 33K100	100
40cm	ML16◇ 40K100	100
50cm	ML16◇ 50K100	100
60cm	ML16◇ 60K100	100
75cm	ML16◇ 75K100	100
80cm	ML16◇ 80K100	100
100cm	ML16◇ 10K100	100

MINI LINE F20 BROWN Small Packs 		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15K100	100
20cm	ML20◇ 20K100	100
25cm	ML20◇ 25K100	100
30cm	ML20◇ 30K100	100
33cm	ML20◇ 33K100	100
40cm	ML20◇ 40K100	100
50cm	ML20◇ 50K100	100
60cm	ML20◇ 60K100	100
75cm	ML20◇ 75K100	100
80cm	ML20◇ 80K100	100
100cm	ML20◇ 10K100	100

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

1.1

Driplines | MINI LINE BROWN



MINI LINE F16 BROWN 		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15K050	50
20cm	ML16◇ 20K050	50
25cm	ML16◇ 25K050	50
30cm	ML16◇ 30K050	50
33cm	ML16◇ 33K050	50
40cm	ML16◇ 40K050	50
50cm	ML16◇ 50K050	50
60cm	ML16◇ 60K050	50
75cm	ML16◇ 75K050	50
80cm	ML16◇ 80K050	50
100cm	ML16◇ 10K050	50

MINI LINE F20 BROWN 		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15K050	50
20cm	ML20◇ 20K050	50
25cm	ML20◇ 25K050	50
30cm	ML20◇ 30K050	50
33cm	ML20◇ 33K050	50
40cm	ML20◇ 40K050	50
50cm	ML20◇ 50K050	50
60cm	ML20◇ 60K050	50
75cm	ML20◇ 75K050	50
80cm	ML20◇ 80K050	50
100cm	ML20◇ 10K050	50

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

MINI LINE F16 BROWN Small Packs 		
Dripper Spacing	Code	m/coil
15cm	ML16◇ 15K025	25
20cm	ML16◇ 20K025	25
25cm	ML16◇ 25K025	25
30cm	ML16◇ 30K025	25
33cm	ML16◇ 33K025	25
40cm	ML16◇ 40K025	25
50cm	ML16◇ 50K025	25
60cm	ML16◇ 60K025	25
75cm	ML16◇ 75K025	25
80cm	ML16◇ 80K025	25
100cm	ML16◇ 10K025	25

MINI LINE F20 BROWN Small Packs 		
Dripper Spacing	Code	m/coil
15cm	ML20◇ 15K025	25
20cm	ML20◇ 20K025	25
25cm	ML20◇ 25K025	25
30cm	ML20◇ 30K025	25
33cm	ML20◇ 33K025	25
40cm	ML20◇ 40K025	25
50cm	ML20◇ 50K025	25
60cm	ML20◇ 60K025	25
75cm	ML20◇ 75K025	25
80cm	ML20◇ 80K025	25
100cm	ML20◇ 10K025	25

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

1.1

Driplines | MINI LINE LITE



MINI LINE LITE F16 (w.t.: 0,7mm)		
Dripper Spacing	Code	m/coil
15cm	MNLT16◇15	400
20cm	MNLT16◇20	400
25cm	MNLT16◇25	400
30cm	MNLT16◇30	400
33cm	MNLT16◇33	400
40cm	MNLT16◇40	400
50cm	MNLT16◇50	400
60cm	MNLT16◇60	400
75cm	MNLT16◇75	400
80cm	MNLT16◇80	400
100cm	MNLT16◇10	400

MINI LINE LITE F20 (w.t.: 0,85mm)		
Dripper Spacing	Code	m/coil
15cm	MNLT20◇15	300
20cm	MNLT20◇20	300
25cm	MNLT20◇25	300
30cm	MNLT20◇30	300
33cm	MNLT20◇33	300
40cm	MNLT20◇40	300
50cm	MNLT20◇50	300
60cm	MNLT20◇60	300
75cm	MNLT20◇75	300
80cm	MNLT20◇80	300
100cm	MNLT20◇10	300

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

MINI LINE LITE F16 (w.t.: 0,7mm) Small packs		
Dripper Spacing	Code	m/coil
15cm	MNLT16◇15100	100
20cm	MNLT16◇20100	100
25cm	MNLT16◇25100	100
30cm	MNLT16◇30100	100
33cm	MNLT16◇33100	100
40cm	MNLT16◇40100	100
50cm	MNLT16◇50100	100
60cm	MNLT16◇60100	100
75cm	MNLT16◇75100	100
80cm	MNLT16◇80100	100
100cm	MNLT16◇10100	100

MINI LINE LITE F20 (w.t.: 0,85mm) Small packs		
Dripper Spacing	Code	m/coil
15cm	MNLT20◇15100	100
20cm	MNLT20◇20100	100
25cm	MNLT20◇25100	100
30cm	MNLT20◇30100	100
33cm	MNLT20◇33100	100
40cm	MNLT20◇40100	100
50cm	MNLT20◇50100	100
60cm	MNLT20◇60100	100
75cm	MNLT20◇75100	100
80cm	MNLT20◇80100	100
100cm	MNLT20◇10100	100

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

1.1

Driplines | MINI LINE EXTRA LITE



MINI LINE LITE F16 (w.t.: 0,5mm)		
Dripper Spacing	Code	m/coil
15cm	MNLTE16◇15	400
20cm	MNLTE16◇20	400
25cm	MNLTE16◇25	400
30cm	MNLTE16◇30	400
33cm	MNLTE16◇33	400
40cm	MNLTE16◇40	400
50cm	MNLTE16◇50	400
60cm	MNLTE16◇60	400
75cm	MNLTE16◇75	400
80cm	MNLTE16◇80	400
100cm	MNLTE16◇10	400

◇ Filled in with 1, 2, 4 or 8 according to the dripper flow (1, 2, 4 or 8L/h).

1.1

Pressure Compensated Driplines | PC AGROLINE



PC AGROLINE F16		
Dripper Spacing	Code	m/coil
15cm	PC16◇ 15	400
20cm	PC16◇ 20	400
25cm	PC16◇ 25	400
30cm	PC16◇ 30	400
33cm	PC16◇ 33	400
40cm	PC16◇ 40	400
50cm	PC16◇ 50	400
60cm	PC16◇ 60	400
75cm	PC16◇ 75	400
80cm	PC16◇ 80	400
100cm	PC16◇ 10	400

◇ Filled in with 16, 2, 21, 38 or 4 according to the flow (1.6, 2, 2.1 3.8 ή 4L/h).

PC AGROLINE F20 V		
Dripper Spacing	Code	m/coil
15cm	PC20◇ 15	300
20cm	PC20◇ 20	300
25cm	PC20◇ 25	300
30cm	PC20◇ 30	300
33cm	PC20◇ 33	300
40cm	PC20◇ 40	300
50cm	PC20◇ 50	300
60cm	PC20◇ 60	300
75cm	PC20◇ 75	300
80cm	PC20◇ 80	300
100cm	PC20◇ 10	300

◇ Filled in with 16, 2, 22, 38 or 4 according to the flow (1.6, 2, 2.2 3.8 ή 4L/h).

PC AGROLINE F16 Small packs		
Dripper Spacing	Code	m/coil
15cm	PC16◇ 15100	100
20cm	PC16◇ 20100	100
25cm	PC16◇ 25100	100
30cm	PC16◇ 30100	100
33cm	PC16◇ 33100	100
40cm	PC16◇ 40100	100
50cm	PC16◇ 50100	100
60cm	PC16◇ 60100	100
75cm	PC16◇ 75100	100
80cm	PC16◇ 80100	100
100cm	PC16◇ 10100	100

◇ Filled in with 16, 2, 21, 38 or 4 according to the flow (1.6, 2, 2.1 3.8 ή 4L/h).

PC AGROLINE F20 Small packs		
Dripper Spacing	Code	m/coil
15cm	PC20◇ 15100	100
20cm	PC20◇ 20100	100
25cm	PC20◇ 25100	100
30cm	PC20◇ 30100	100
33cm	PC20◇ 33100	100
40cm	PC20◇ 40100	100
50cm	PC20◇ 50100	100
60cm	PC20◇ 60100	100
75cm	PC20◇ 75100	100
80cm	PC20◇ 80100	100
100cm	PC20◇ 10100	100

◇ Filled in with 16, 2, 22, 38 or 4 according to the flow (1.6, 2, 2.2 3.8 ή 4L/h).

1.1

Pressure Compensated Driplines | PC AGROLINE BROWN



PC AGROLINE F16 BROWN		
Dripper Spacing	Code	m/coil
15cm	PC16◇ 15K	400
20cm	PC16◇ 20K	400
25cm	PC16◇ 25K	400
30cm	PC16◇ 30K	400
33cm	PC16◇ 33K	400
40cm	PC16◇ 40K	400
50cm	PC16◇ 50K	400
60cm	PC16◇ 60K	400
75cm	PC16◇ 75K	400
80cm	PC16◇ 80K	400
100cm	PC16◇ 10K	400

◇ Filled in with 16, 2, 21, 38 or 4 according to the flow (1.6, 2, 2.1 3.8 ή 4L/h).



PC AGROLINE F20 BROWN		
Dripper Spacing	Code	m/coil
15cm	PC20◇ 15K	300
20cm	PC20◇ 20K	300
25cm	PC20◇ 25K	300
30cm	PC20◇ 30K	300
33cm	PC20◇ 33K	300
40cm	PC20◇ 40K	300
50cm	PC20◇ 50K	300
60cm	PC20◇ 60K	300
75cm	PC20◇ 75K	300
80cm	PC20◇ 80K	300
100cm	PC20◇ 10K	300

◇ Filled in with 16, 2, 22, 38 or 4 according to the flow (1.6, 2, 2.2 3.8 ή 4L/h).

PC AGROLINE F16 BROWN Small Packs		
Dripper Spacing	Code	m/coil
15cm	PC16◇ 15K100	100
20cm	PC16◇ 20K100	100
25cm	PC16◇ 25K100	100
30cm	PC16◇ 30K100	100
33cm	PC16◇ 33K100	100
40cm	PC16◇ 40K100	100
50cm	PC16◇ 50K100	100
60cm	PC16◇ 60K100	100
75cm	PC16◇ 75K100	100
80cm	PC16◇ 80K100	100
100cm	PC16◇ 10K100	100

◇ Filled in with 16, 2, 21, 38 or 4 according to the flow (1.6, 2, 2.1 3.8 ή 4L/h).

PC AGROLINE F20 BROWN Small Packs		
Dripper Spacing	Code	m/coil
15cm	PC20◇ 15K100	100
20cm	PC20◇ 20K100	100
25cm	PC20◇ 25K100	100
30cm	PC20◇ 30K100	100
33cm	PC20◇ 33K100	100
40cm	PC20◇ 40K100	100
50cm	PC20◇ 50K100	100
60cm	PC20◇ 60K100	100
75cm	PC20◇ 75K100	100
80cm	PC20◇ 80K100	100
100cm	PC20◇ 10K100	100

◇ Filled in with 16, 2, 22, 38 or 4 according to the flow (1.6, 2, 2.2 3.8 ή 4L/h).

1.1

Pressure compensated ovalic dripline with flat dripper | IR-V25 PC AGROLINE



PC AGROLINE F 16 40MIL		
Dripper Spacing	Code	Packaging
15cm	PCV1640◇15	400
20cm	PCV1640◇20	400
25cm	PCV1640◇25	400
30cm	PCV1640◇30	400
33cm	PCV1640◇33	400
40cm	PCV1640◇40	400
50cm	PCV1640◇50	400
60cm	PCV1640◇60	400
75cm	PCV1640◇75	400
80cm	PCV1640◇80	400
100cm	PCV1640◇10	400

PC AGROLINE F20 40MIL		
Dripper Spacing	Code	Packaging
15cm	PCV2045◇15	300
20cm	PCV2045◇20	300
25cm	PCV2045◇25	300
30cm	PCV2045◇30	300
33cm	PCV2045◇33	300
40cm	PCV2045◇40	300
50cm	PCV2045◇50	300
60cm	PCV2045◇60	300
75cm	PCV2045◇75	300
80cm	PCV2045◇80	300
100cm	PCV2045◇10	300

◇ Filled in with 11, 19 ř 38 according to the flow (1.1, 1.95 ř 3.8L/h).

PC AGROLINE F16 35MIL		
Dripper Spacing	Code	Packaging
15cm	PCV1635◇15	400
20cm	PCV1635◇20	400
25cm	PCV1635◇25	400
30cm	PCV1635◇30	400
33cm	PCV1635◇33	400
40cm	PCV1635◇40	400
50cm	PCV1635◇50	400
60cm	PCV1635◇60	400
75cm	PCV1635◇75	400
80cm	PCV1635◇80	400
100cm	PCV1635◇10	400

PC AGROLINE F20 40MIL		
Dripper Spacing	Code	Packaging
15cm	PCV2040◇15	300
20cm	PCV2040◇20	300
25cm	PCV2040◇25	300
30cm	PCV2040◇30	300
33cm	PCV2040◇33	300
40cm	PCV2040◇40	300
50cm	PCV2040◇50	300
60cm	PCV2040◇60	300
75cm	PCV2040◇75	300
80cm	PCV2040◇80	300
100cm	PCV2040◇10	300

◇ Filled in with 11, 19 ř 38 according to the flow (1.1, 1.95 ř 3.8L/h).

1.1

Specifications | IR-V25 PC AGROLINE

MAIN CHARACTERISTICS

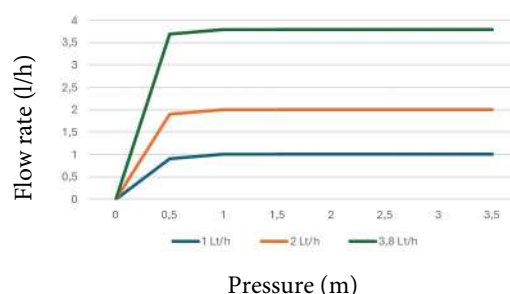
- Contains a flat dripper bonding to the inner wall of the pipe at different distances.
- The many filter's inlets create a protective shield to the dripper from particles that may be present in the water.
- The dripper's long, modern labyrinth creates intense turbulent flow which helps in better self-regulation and at the same time in protecting against microparticle blockage.
- The dripper's water outflow is done through a large chamber so that the dripper's self-cleaning works better.
- The large labyrinth and the excellent quality of the self-regulating membrane offer a flow uniformity of 95% - 98% in a pressure range of 0.8bar - 3.5 bar.
- IR-V25 PC AGROLINE is an excellent solution where longer irrigation lines are required and in soils with different topographic slopes.

HYDRAULIC DATA

Diameter	Wall Thickness	Inside Diameter	Flow	Max Operating Pressure	Spacing (cm)								
					15	20	30	33	40	50	60	80	100
mm	mil	mm	l/h	bar	m	m	m	m	m	m	m	m	m
16	35	13,8	1,10	3,0	104	133	189	205	239	187	332	393	487
16	40	13,8	1,10	3,5	110	142	201	218	256	306	352	419	520
16	35	13.8	1.95	3.0	70	91	129	140	165	198	229	271	336
16	40	13.8	1.95	3.5	75	97	138	149	175	210	243	289	359
16	35	13.8	3.80	3.0	43	56	77	80	102	123	141	180	210
16	40	13.8	3.80	3.5	46	59	80	84	108	137	164	225	260
20	40	17.6	1.10	3.5	191	243	338	347	424	502	574	675	826
20	45	17.6	1.10	3.5	191	243	338	347	424	502	574	675	826
20	40	17.6	1.95	3.5	131	160	222	241	280	325	376	460	550
20	45	17.6	1.95	3.5	131	160	222	241	280	325	376	460	550
20	40	17.6	3.80	3.5	81	95	145	157	182	216	248	316	357
20	45	17.6	3.80	3.5	81	95	145	157	182	216	248	316	357

Operating Pressure Range: 0,8 - 3,5 Bar Maximum Operating Pressure: 3,5 Bar

Dripper Flow vs Pressure



1.1

Specifications | PC AGROLINE

MAIN FEATURES

- Contains a cylindrical dripper with sophisticated diaphragm self-bonded to the inner wall of the pipe at different distances.
- The built-in diaphragm creates a self-cleaning mechanism.
- PC AGROLINE is an excellent solution where longer irrigation lines (up to 500 meters) are required and in soils with topographic anomalies.
- Easily placed underground when produced with a special material that repels the roots and protects it from obstruction usually caused by them.

HYDRAULIC DATA

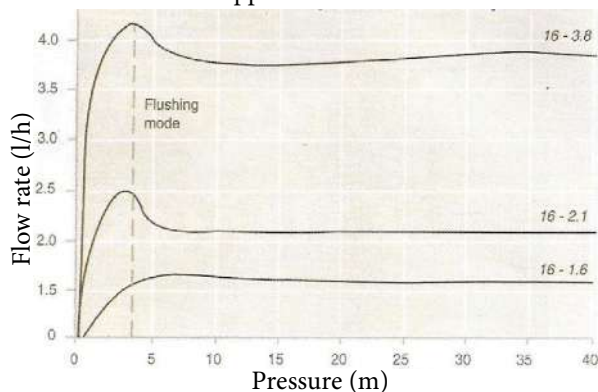
Pressure loss in m as function of lateral length in m and dripper spacing in cm

Length	PC 16/1.6								PC 16/2.1								PC 16/3.8							
(m)	Spacing (cm)								Spacing (cm)								Spacing (cm)							
	15	20	30	40	50	60	75	100	30	40	50	60	75	100	125	150	30	40	50	60	75	100	125	150
20	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.1	0.1	0.1	0.0	0.0	0.0
40	4.5	2.0	0.7	0.3	0.2	0.1	0.1	0.0	1.9	0.6	0.3	0.2	0.1	0.1	0.0	0.0	3.9	1.8	1.0	0.7	0.4	0.2	0.1	0.1
60	15.2	6.8	2.3	1.1	0.7	0.4	0.2	0.1	6.4	1.9	1.1	0.7	0.4	0.2	0.1	0.1	12.9	6.0	3.4	2.2	1.3	0.7	0.4	0.3
80		16.3	5.4	2.5	1.5	0.9	0.6	0.3	15.2	4.4	2.5	1.6	1.0	0.5	0.3	0.2		14.3	8.1	5.2	3.0	1.5	0.9	0.7
100			10.6	5.0	3.0	1.8	1.1	0.6		8.5	4.8	3.1	1.8	0.9	0.6	0.4			15.7	10.0	5.9	3.0	1.8	1.2
120			18.2	8.5	5.1	3.1	1.8	0.9		14.7	8.3	5.3	3.1	1.6	1.0	0.7				17.0	9.9	5.0	3.1	2.1
140				13.5	8.0	4.9	2.9	1.5			13.1	8.4	4.9	2.5	1.5	1.1					15.7	7.9	4.8	3.3
160					11.9	7.3	4.3	2.2			19.6	12.5	7.3	3.7	2.3	1.5						11.7	7.1	4.8
180					16.9	10.3	6.0	3.1				17.6	10.2	5.2	3.2	2.1						16.5	9.9	6.6
200						14.2	8.2	4.2					14.0	7.1	4.3	2.9							13.5	9.2
220							10.9	5.6					18.6	9.4	5.7	3.8							17.9	12.0
240							14.1	7.2						12.2	7.3	4.9								15.3
260							17.8	9.1						15.4	9.3	6.3								
280								11.3							11.5	7.7								
300								13.8							14.1	9.4								

Operating Pressure : 0,5 – 4,0 Bar.

Recommended Working Pressure: 1,0 – 3,5 Bar.

Dripper Flow vs Pressure



Maximum allowed length (m)

16mm	Spacing (cm)						
Dripper	20	30	40	50	60	75	100
1.6 Black	90	120	160	190	220	270	340
2.1 Blue	70	100	130	160	190	230	290
3.8 Orange	50	70	90	110	130	150	190

1.1

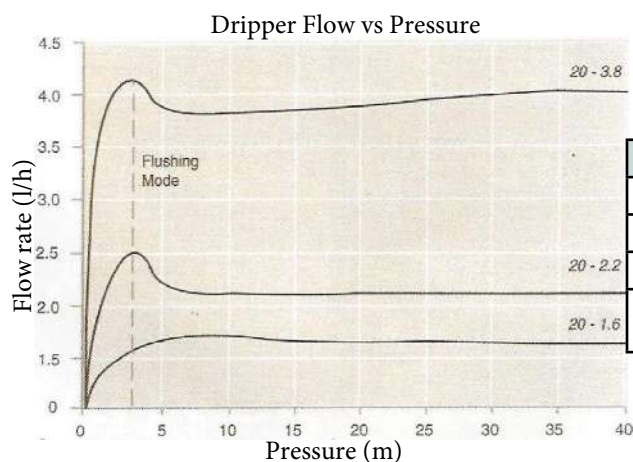
Specifications | PC AGROLINE

HYDRAULIC DATA PC AGROLINE F20

Pressure loss in m as function of lateral length in m and dripper spacing in cm

Length	PC 20/1.8							PC 20/2.2							PC 20/3.8							
(m)	Spacing (cm)							Spacing (cm)							Spacing (cm)							
	30	40	50	75	100	125	150	30	40	50	75	100	125	150	30	40	50	60	75	100	125	150
20	0.1	0.0	0.6	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0
40	0.3	0.2	0.7	0.1	0.0	0.0	0.0	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.9	0.5	0.3	0.2	0.2	0.1	0.1	0.0
60	0.7	0.4	0.7	0.2	0.1	0.0	0.0	1.1	0.6	0.4	0.2	0.1	0.1	0.0	2.2	1.3	0.9	0.6	0.4	0.2	0.2	0.1
80	1.4	0.8	0.8	0.3	0.1	0.1	0.0	2.1	1.2	0.8	0.4	0.2	0.1	0.1	4.4	2.6	1.7	1.2	0.8	0.5	0.3	0.2
100	2.3	1.3	0.9	0.4	0.2	0.2	0.1	3.5	2.1	1.3	0.6	0.3	0.2	0.2	7.7	4.5	3.0	2.2	1.4	0.8	0.5	0.4
120	3.5	2.1	1.4	0.6	0.4	0.2	0.2	5.4	3.2	2.0	0.9	0.5	0.4	0.3	12.0	7.1	4.7	3.4	2.2	1.3	0.9	0.6
140	5.1	3.0	1.8	0.9	0.5	0.3	0.3	7.9	4.6	2.9	1.4	0.8	0.5	0.4	17.7	10.5	7.0	5.1	3.3	2.0	1.3	0.9
160	7.0	4.1	2.7	1.3	0.7	0.5	0.4	10.9	6.5	4.0	1.9	1.1	0.7	0.5		14.8	9.9	7.1	4.7	2.8	1.8	1.3
180	9.2	5.4	3.6	1.7	1.0	0.6	0.5	14.6	8.6	5.3	2.5	1.5	1.0	0.7		20.0	13.4	9.6	6.4	3.8	2.5	1.8
200	11.9	7.0	4.8	2.2	1.3	0.8	0.6		11.2	7.0	3.3	1.9	1.3	0.9			17.6	12.7	8.4	5.0	3.3	2.4
220	15.0	8.9	5.9	2.8	1.6	1.1	0.8		14.3	8.9	4.2	2.5	1.6	1.2				16.3	10.9	6.4	4.2	3.0
240		11.0	7.3	3.4	2.0	1.3	0.9		17.8	11.0	5.2	3.1	2.0	1.4					13.6	8.0	5.3	3.8
260		13.4	8.8	4.2	2.5	1.6	1.2			13.5	6.4	3.8	2.5	1.8					16.9	9.9	6.6	4.8
280		16.2	10.7	5.1	3.0	2.0	1.4			16.4	7.8	4.8	3.0	2.2						12.1	8.0	5.8
300			12.8	6.1	3.5	2.3	1.7				9.3	5.5	3.6	2.6						14.6	9.7	6.9
320			15.1	7.2	4.2	2.8	2.0				11.0	6.5	4.3	3.1						17.3	11.5	8.3
340			17.6	8.4	4.9	3.2	2.3				12.9	7.6	5.0	3.6							13.5	9.7
360				9.7	5.7	3.8	2.7				15.0	8.8	5.8	4.2							15.8	19.3
380				11.1	6.5	4.3	3.1				17.3	10.2	6.7	4.8								13.2
400				12.8	7.5	4.9	3.5					11.6	7.7	5.5								15.1
420				14.4	8.5	5.6	4.0					13.3	8.8	6.3								
440				16.3	9.6	6.3	4.5					15.0	9.9	7.1								
460				18.4	10.8	7.1	5.1					16.9	11.2	8.0								
480					12.1	8.0	5.3						12.5	9.0								
500					13.4	8.9	6.4						14.0	10.0								
520					14.9	9.9	7.1															

Operating Pressure : 0,5 – 4,0 Bar.
Recommended Working Pressure: 1,0 – 3,5 Bar.



Maximum allowed length (m)

20mm	Spacing (cm)						
Dripper	20	30	40	50	60	75	100
1.6 Black	180	250	300	360	400	480	500
2.2 Blue	150	200	260	300	350	400	500
3.8 Orange	110	150	180	220	240	280	350

MAIN CHARACTERISTICS

- Contains a turbulent flow dripper welded to the inside wall of the pipe at different spacing.
- Its labyrinth type features a self – cleaning built in strainer at its inlet.
- Easily buried underground when produced with a special root repellent material that protects it from the typically caused by roots.

HYDRAULIC DATA

Pressure (Bar)	Mean Flow (L/h)				
	AL16/2	AL20/2	AL16/4	AL20/4	AL20/8
0,5	1,1	1,3	2,7	2,7	5,7
1,0	1,6	1,8	3,9	3,8	8,3
1,5	2,0	2,2	4,7	4,7	9,9
2,0	2,3	2,6	5,5	5,4	-
2,5	2,6	2,9	6,1	6,0	-

Recommended Operating Pressure: 1,0 Bar

Maximum Operating Pressure: 3,5 Bar

Maximum Lateral Length(m)
Flow Variation 10%

Spacing (cm)	20	25	30	40	50	60	75	90	100	150	200
AL 16/2											
1% (Down Hill)	73	85	97	120	143	164	196	226	246	343	349
0%	66	76	86	104	120	135	156	176	188	245	295
1% (Up Hill)	59	66	73	85	96	105	116	126	132	154	168
AL 16/4											
1% (Down Hill)	38	44	50	61	72	82	97	111	120	163	205
0%	36	42	47	57	66	74	85	96	103	134	161
1% (Up Hill)	34	38	43	51	58	64	73	80	85	105	120
AL 20/2											
1% (Down Hill)	94	128	147	184	220	255	307	348	348	348	349
0%	94	109	123	149	172	194	224	253	271	352	425
1% (Up Hill)	80	89	98	113	124	134	146	156	161	180	189
AL 20/4											
1% (Down Hill)	57	66	75	93	109	125	149	171	186	257	326
0%	52	60	68	82	95	107	124	140	150	195	234
1% (Up Hill)	48	54	60	70	80	88	98	108	113	136	151
AL 20/8											
1% (Down Hill)	30	35	40	50	59	67	77	92	98	-	-
0%	26	31	37	46	55	65	75	88	94	-	-
1% (Up Hill)	23	28	33	42	51	60	73	84	88	-	-

*Operating Pressure: 1,0 Bar

1.1

Specifications | MINI LINE

MAIN CHARACTERISTICS

- Contains a small turbulent flow emitter inseparably welded to the inside wall of the tube at different spacing.
- Easily buried underground when produced with a special root repellent material that protects it from the typically caused by roots.
- The small size emitter and low pipe thickness, main features of the Miniline, allow for lesser friction loss in the pipe therefore longer lateral lines when compared to the standard product.

HYDRAULIC DATA

Pressure (Bar)	Mean Flow (L/h)		
	ML 16 / 01	ML 16 / 04	ML 16 / 8
0.8	1.15	3.80	8.10
1.0	1.35	4.40	8.70
1.5	1.70	5.50	9.70
2.0	2.00	6.40	12.30
2.5	2.25	7.10	14.20

Mean Flow (L/h)			
ML 20 / 01	ML 20 / 02	ML 20 / 04	ML 20 / 08
0.90	1.70	2.90	7.30
1.10	1.92	3.24	7.90
1.40	2.50	4.22	8.30
1.80	2.86	4.97	8.80
2.30	3.30	5.60	9.10

*Recommended Operation Pressure: 1,0 Bar

Maximum Lateral Length(m) Flow Variation 10%											
Spacing (cm)	20	25	30	40	50	60	75	90	100	150	200
ML 16/01											
1% (Down Hill)	85	113	130	163	194	224	268	312	340	348	349
0%	85	98	111	134	155	174	202	227	243	317	382
1% (Up Hill)	73	82	90	104	116	126	138	147	153	173	184
ML 16/04											
1% (Down Hill)	35	39	45	55	64	73	86	99	107	145	182
0%	33	38	43	52	60	67	77	87	93	121	146
1% (Up Hill)	31	35	39	46	53	59	67	74	78	98	112
ML 16/8											
1% (Down Hill)	20	22	25	31	36	41	48	54	58	78	97
0%	19	22	25	30	35	39	45	51	54	71	85
1% (Up Hill)	19	21	23	28	32	36	41	46	49	62	73
ML 20/2											
1% (Down Hill)	96	130	150	188	225	261	314	348	348	466	467
0%	96	111	125	151	175	197	228	257	275	359	432
1% (Up Hill)	81	90	99	114	126	136	148	157	162	181	190
ML 20/4											
1% (Down Hill)	76	88	101	126	150	172	206	238	259	348	463
0%	68	79	89	108	125	141	163	183	196	255	308
1% (Up Hill)	61	68	75	88	99	108	120	130	135	157	171

*Operating Pressure : 1,0 Bar

1.1

Driplines - Tapes | AGROLITE



Dripper Spacing	Code	AGROLITE 2 & 4L/h			
		6mil 0,15mm	8mil 0,20mm	10mil 0,25mm	12mil 0,30mm
		m/coil	m/coil	m/coil	m/coil
15cm	DL ◊ 15	2.500	2.000	2.000	1.800
20cm	DL ◊ 20	3.000	2.500	2.000	1.800
25cm	DL ◊ 25	3.000	2.500	2.000	1.800
30cm	DL ◊ 30	3.000	2.500	2.000	1.800
40cm	DL ◊ 40	3.000	2.500	2.000	1.800
50cm	DL ◊ 50	3.000	2.500	2.000	1.800

- ◊ Filled in with 06,08,10 or 12 according to the wall thickness in mil.
- Filled in with 2 or 4 according to the dripper flow (2 or 4L/h).

22

PIPES - MICRO IRRIGATION

AGROTICA

Code	Average Flow Rate(L/h)						Dripper	
	0,5 Bar	0,8 Bar	1,0 Bar	1,5 Bar	2,0 Bar	2,5 Bar	X	Kd
DL ◊ 2XX	1,62	2,10	2,40	3,00	3,50	4,00	0,560	2,39
DL ◊ 4XX	2,92	3,74	4,14	5,13	5,92	6,54	0,505	4,16

Recommended Operating Pressure 0,8Bar.

1. ◊ :Wall thikness in mil.

2. XX:Emitters Spacing in cm.

Code	Max. Lateral Running Lenght (m)				
	Drippers spacing (cm)				
	10	20	30	40	50
DL082XX	-	67	87	105	122
DL122XX	-	65	85	103	119
DL084XX	-	48	62	75	87
DL124XX	-	47	61	74	85

1. Inlet Pressure 0.943 Bar.

2. Pipe OD=17 mm, ID=16.6mm, 16.4 mm, 16.1 mm & 15.8 mm.

3. Zero Slope.

4. Flow Variation 15%.

5. At Emitter Operating Pressure 0.8 Bar

1.1

Driplines - Tapes | AGROLITE NANO



AGROLITE NANO 1 & 2L/H					
Dripper Spacing	Code	6mil 0,15mm	8mil 0,20mm	10mil 0,25mm	12mil 0,30mm
		m/coil	m/coil	m/coil	m/coil
15cm	DLN◇•15	2.500	2.000	2.000	1.800
20cm	DLN◇•20	3.000	2.500	2.000	1.800
25cm	DLN◇•25	3.000	2.500	2.000	1.800
30cm	DLN◇•30	3.000	2.500	2.000	1.800
40cm	DLN◇•40	3.000	2.500	2.000	1.800
50cm	DLN◇•50	3.000	2.500	2.000	1.800

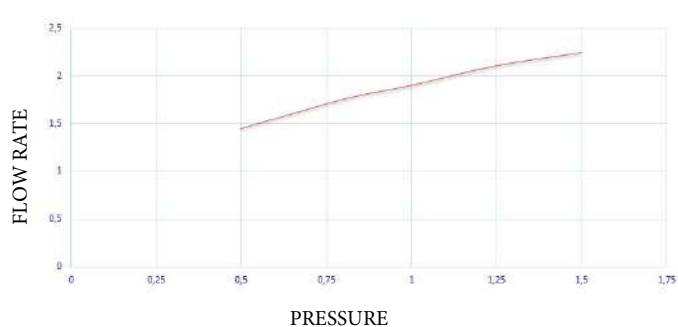
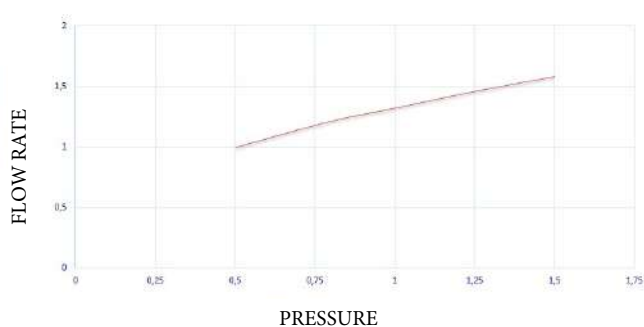
- ◇ Filled in with 06,08,10 or 12 according to the wall thickness in mil.
- Filled in with 1 or 2 according to the dripper flow (1 or 2L/h).

Flow Rate / Pressure for Agrolite Nano 1L/h					
Pressure(Bar)	0,5	0,8	1	1,25	1,5
Average Flow Rate:	0,997	1,213	1,32	1,458	1,58

Flow Rate / Pressure for Agrolite Nano 2L/h				
0,5	0,8	1	1,25	1,5
1,445	1,755	1,901	2,107	2,244

Exponent (X) 0,3913
Kd 1,3300

Exponent (X) 0,3754
Kd 1,9165



1.1

Driplines - Tapes | AGRO TAPE



GREEN TAPE			
Dripper Spacing	Code	6mil 0,15mm	8mil 0,20mm
		m/coil	m/coil
10cm	ATG◇110	3.000	2.500
20cm	ATG◇120	3.000	2.500
30cm	ATG◇130	3.000	2.500

◇ Filled in with 06 or 08 according to the wall thikness in mil.

24

Code	Average Flow Rate(L/h)					Dripper	
	0,5 Bar	0,8 Bar	1,0 Bar	1,2 Bar	1,5 Bar	X	Kd
ATG061XX	0,77	1,03	1,16	1,3	1,51	0,61	1,17

Recommended Operating Pressure 0,8Bar.

1. XX:Dripper spacing in cms.

Code	Max. Lateral Running Lenght (m)					
	Drippers spacing (cm)					
	10	20	30	40	50	60
ATG061XX	65	104	136	164	190	213
ATG081XX	65	103	134	162	188	211

1. Inlet Pressure 0.94 Bar.

2. Pipe OD=17 mm, ID=16.7mm & 16.6 mm..

3. Zero Slope.

4. Flow Variation 10%.

Code	Max. Lateral Running Lenght (m)					
	Drippers spacing (cm)					
	10	20	30	40	50	60
ATG061XX	75	120	157	190	220	247
ATG081XX	75	119	155	188	217	245

1. Inlet Pressure 1,0 Bar.

2. Pipe OD=17 mm, ID=16.7mm & 16.6 mm.

3. Zero Slope.

4. Flow Variation 15%.

1.1

Driplines - Tapes | ECO TAPE



ECO TAPE			
Dripper Spacing	Code	6mil 0,15mm	8mil 0,20mm
		m/coil	m/coil
10cm	ATE◇110	3.000	2.500
20cm	ATE◇120	3.000	2.500
30cm	ATE◇130	3.000	2.500

◇ Filled in with 06 or 08 according to the wall thiktness in mil.

Code	Average Flow Rate(L/h)					Dripper	
	0,5 Bar	0,8 Bar	1,0 Bar	1,2 Bar	1,5 Bar	X	Kd
ATE◇1XX	0,77	1,03	1,16	1,3	1,51	0,61	1,17

Recommended Operating Pressure 0,8 Bar.

1. ◇: Wall thiktness in mil.

2. XX: Dripper spacing in cms.

Code	Max. Lateral Running Lenght (m)					
	Drippers spacing (cm)					
	10	20	30	40	50	60
ATE061XX	70	111	146	176	204	229
ATE081XX	69	110	144	174	202	227
ATE101XX	69	109	143	172	200	225

1. Inlet Pressure 0.96 Bar.

2. Pipe OD=17 mm, ID=16.8mm, 16,6mm & 16.5 mm.

3. Zero Slope.

4. Flow Variation 10%.

Code	Max. Lateral Running Lenght (m)					
	Drippers spacing (cm)					
	10	20	30	40	50	60
ATE061XX	81	129	169	204	236	266
ATE081XX	80	128	167	202	234	264
ATE101XX	80	127	166	200	232	261

1. Inlet Pressure 1,43 Bar.

2. Pipe OD=17 mm, ID=16.8mm, 16,6mm & 16.5 mm.

3. Zero Slope.

4. Flow Variation 15%

1.2

PE Pipes | LDPE AGRO-PIPE & AGRO-PIPE EXTRA



Agro-Pipe		
O.D. (mm)	Code	m/coil
16	ADPE0D016	300
20	ADPE0D020	300
25	ADPE0D025	250
32	ADPE0D032	200

Agro-Pipe Small Packs		
O.D. (mm)	Code	m/coil
16	ADPE0D016100	100
20	ADPE0D020100	100
25	ADPE0D025100	100
32	ADPE0D032100	100
16	ADPE0D016050	50
20	ADPE0D020050	50
25	ADPE0D025050	50
32	ADPE0D032050	50
16	ADPE0D016025	25
20	ADPE0D020025	25
25	ADPE0D025025	25
32	ADPE0D032025	25

Agro-Pipe BROWN		
O.D. (mm)	Code	m/coil
16	ADPE0D016K	300
20	ADPE0D020K	300
25	ADPE0D025K	250
32	ADPE0D032K	200

Agro-Pipe BROWN Small packs		
O.D. (mm)	Code	m/coil
16	ADPE0D016100K	100
20	ADPE0D020100K	100
25	ADPE0D025100K	100
32	ADPE0D032100K	100

Agro-Pipe Extra		
O.D. (mm)	Code	m/coil
12	ADPE06012	300
16	ADPE06016	300
20	ADPE06020	300
25	ADPE06025	250
32	ADPE06032	200

Agro-Pipe Extra Small Packs		
O.D. (mm)	Code	m/coil
12	ADPE06012100	100
16	ADPE06016100	100
20	ADPE06020100	100
25	ADPE06025100	100
32	ADPE06032100	100
12	ADPE06012050	50
16	ADPE06016050	50
20	ADPE06020050	50
25	ADPE06025050	50
32	ADPE06032050	50
12	ADPE06012025	25
16	ADPE06016025	25
20	ADPE06020025	25
25	ADPE06025025	25
32	ADPE06032025	25

Agro-Pipe Extra BROWN		
O.D. (mm)	Code	m/coil
12	ADPE06012K	300
16	ADPE06016K	300
20	ADPE06020K	300
25	ADPE06025K	250
32	ADPE06032K	200

Agro-Pipe Extra BROWN Small packs		
O.D. (mm)	Code	m/coil
12	ADPE06012100K	100
16	ADPE06016100K	100
20	ADPE06020100K	100
25	ADPE06025100K	100
32	ADPE06032100K	100

1.2

Agropipe Specifications

PE – POLYETHYLENE TYPE

PE	TYPE	NAME	MRS (Mpa)	DESIGN STRESS
PE 32	LDPE	Low Density	3,2	2,5

TECHNICAL CHARACTERISTICS

Irrigation Pipes	Agro-Pipe		Agro-Pipe Extra	
Diameter	Wall thickness	Weight	Wall thickness	Weight
mm	mm	gr/m	mm	gr/m
16	1,15	54	1,30	59
20	1,35	78	1,55	89
25	1,60	118	2,00	138
32	1,90	180	2,30	209

Color: Black with two light-blue stripes

Working Pressure: 6Atm



1.2

PE Pipes | HDPE PE 80



(σ63, MRS 8, PE80) KATA EN-12201-2 CEN									
O.D. (mm)	Code	PN 6		PN 10		PN 12,5		PN 16	
		Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m
25	ADPEC•025◇	-	-	2,0	0,144	2,3	0,167	3,0	0,207
32	ADPEC•032◇	-	-	2,3	0,227	3,0	0,274	3,6	0,322
40	ADPEC•040◇	2,0	0,242	3,0	0,355	3,7	0,423	4,5	0,502
50	ADPEC•050◇	2,4	0,366	3,7	0,540	4,6	0,656	5,6	0,778
63	ADPEC•063◇	3,0	0,566	4,7	0,861	5,8	1,040	7,1	1,240
75	ADPEC•075◇	3,6	0,813	5,6	1,220	6,8	1,450	8,4	1,750
90	ADPEC•090◇	4,3	1,170	6,7	1,750	8,2	2,100	10,1	2,520
110	ADPEC•110◇	5,3	1,750	8,1	2,590	10,0	3,110	12,3	3,740
125	ADPEC•125◇	6,0	2,240	9,2	3,340	11,4	4,040	14,0	4,840
140	ADPEC•140◇	6,7	2,800	10,3	4,160	12,7	5,040	15,7	6,070
160	ADPEC•160◇	7,7	3,670	11,8	5,450	14,6	6,610	17,9	7,900

- Filled in with 06, 10, 12 & 16 according to the operating pressure of the pipe 6, 10, 12.5 & 16 respectively.
- ◇ Filled in with the wall thickness according to the diameter and the operating pressure of the pipe.

Standard coil length:
from Φ32 to Φ125 100m
from Φ140 and up in 12m straight pieces.

(σ63, MRS 8, PE80) KATA DIN 8074-8075							
O.D. (mm)	Code	PN 6		PN 10		PN 16	
		Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m
25	ADPED•025◇	1,80	0,137	2,3	0,170	3,5	0,239
32	ADPED•032◇	1,90	0,186	3,0	0,277	4,5	0,391
40	ADPED•040◇	2,30	0,284	3,7	0,428	5,6	0,606
50	ADPED•050◇	2,90	0,438	4,6	0,662	6,9	0,931
63	ADPED•063◇	3,60	0,684	5,8	1,050	8,7	1,480
75	ADPED•075◇	4,30	0,971	6,9	1,480	10,4	2,100
90	ADPED•090◇	5,10	1,380	8,2	2,110	12,5	3,020
110	ADPED•110◇	6,30	2,070	10,0	3,130	15,2	4,490
125	ADPED•125◇	7,10	2,650	11,4	4,060	17,3	5,800
140	ADPED•140◇	8,00	3,320	12,8	5,090	19,4	7,270
160	ADPED•160◇	9,10	4,330	14,6	6,630	22,1	9,470

- Filled in with 06, 10 & 16 according to the operating pressure of the pipe 6, 10 & 16 respectively.
- ◇ Filled in with the wall thickness according to the diameter and the operating pressure of the pipe.

1.2

PE Pipes | HDPE PE 100



(σ80, MRS 10, PE100) KATA EN-12201-2, DIN 8074 - 8075/ 99							
O.D. (mm)	Code	PN 10		PN 12,5		PN 16	
		Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m	Wall thikn. mm	Weight Kg/m
20	ADPECD•020◇	-	-	-	-	2,0	0,114
25	ADPECD•025◇	-	-	2,0	0,146	2,3	0,167
32	ADPECD•032◇	2,0	0,191	2,4	0,227	3,0	0,274
40	ADPECD•040◇	2,4	0,289	3,0	0,355	3,7	0,423
50	ADPECD•050◇	3,0	0,445	3,7	0,540	4,6	0,656
63	ADPECD•063◇	3,8	0,709	4,7	0,861	5,8	1,040
75	ADPECD•075◇	4,5	1,000	5,6	1,220	6,8	1,450
90	ADPECD•090◇	5,4	1,440	6,7	1,750	8,2	2,100
110	ADPECD•110◇	6,6	2,140	8,1	2,590	10,0	3,110
125	ADPECD•125◇	7,4	2,730	9,2	3,340	11,4	4,040
140	ADPECD•140◇	8,3	3,430	10,3	4,180	12,7	5,040
160	ADPECD•160◇	9,5	4,470	11,8	5,450	14,6	6,610

- Filled in with 10, 12 & 16 according to the operating pressure of the pipe 10, 12,5 & 16 respectively.
- ◇ Filled in with the wall thickness according to the diameter and the operating pressure of the pipe.

Standard coil length:
 from Φ20 to Φ25 250m
 Φ32 200m
 from Φ40 to Φ125 100m
 from Φ140 and up in 12m straight pieces.

1.3

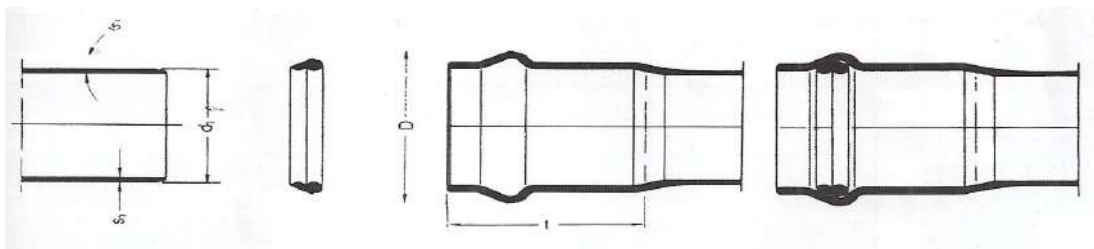
PVC Pipes



PVC CEN - PVC PIPES CEN	
CODE	O.D. (mm)
ADPVCD*050	50
ADPVCD*063	63
ADPVCD*075	75
ADPVCD*090	90
ADPVCD*110	110
ADPVCD*125	125
ADPVCD*140	140
ADPVCD*160	160
ADPVCD*200	200
ADPVCD*225	225
ADPVCD*250	250
ADPVCD*280	280
ADPVCD*315	315
ADPVCD*355	355
ADPVCD*400	400

* Filled in with 06, 10, 12, 16 for PN 6, PN 10, PN 12.5, PN 16 respectively.

O-RINGS														
mm	63	75	90	110	125	140	160	200	225	250	280	315	355	400



1.4

Lay Flat



LAY FLAT 4Bar									
CODE	I.D.		WALL THICKNESS		MAX WORKING PRESSURE	BURSTING PRESSURE	COIL LENGHT	WEIGHT	COIL WEIGHT
	mm	inch	mm	mil	bar	bar	m	gr/m	kg
ADELFS-1	52	2	1,75	69	6	19	100	310	31
ADELFS-2	65	2 1/2	1,80	71	6	18	100	370	37
ADELFS-3	77	3	1,85	73	5	15	100	520	52
ADELFS-4	103	4	2,05	81	4	12	100	720	72
ADELFS-5	128	5	2,05	81	3	11	100	930	93
ADELFS-6	154	6	2,20	87	3	10	100	1150	115

LAY FLAT 6Bar									
CODE	I.D.		WALL THICKNESS		MAX. WORKING PRESSURE	BURSTING PRESSURE	COIL LENGHT	WEIGHT	COIL WEIGHT
	mm	inch	mm	mil	bar	bar	m	gr/m	kg
ADELFN-1	52	2	1,80	71	8	24	100	320	32
ADELFN-2	65	2 1/2	1,85	73	8	23	100	380	38
ADELFN-3	77	3	1,90	75	6	18	100	530	53
ADELFN-4	103	4	2,12	83	6	15	100	800	80
ADELFN-5	128	5	2,15	85	4	13	100	980	98
ADELFN-6	154	6	2,25	89	4	12	100	1200	120

LAY FLAT 3Bar									
CODE	I.D.		WALL THICKNESS		MAX. WORKING PRESSURE	BURSTING PRESSURE	COIL LENGHT	WEIGHT	COIL WEIGHT
	mm	inch	mm	mil	bar	bar	m	gr/m	kg
ADELFR-3	77	3	1,45	57	3	9	100	450	45
ADELFR-4	103	4	1,45	57	3	9	100	600	60



REGULATED FLOW EMITTER

CODE	DESCRIPTION	PACKAGING
AE44100070	0-70lt	100



HIGH REGULATED FLOW EMITTER

CODE	DESCRIPTION	PACKAGING
AE44200140	0-140lt	100
AE44203012	30-120lt	100



ONLINE VISITABLE EMITTER

CODE	DESCRIPTION	PACKAGING
AE44000002	2lt	100
AE44000004	4lt	100
AE44000008	8lt	100



PC VISITABLE EMITTER

CODE	DESCRIPTION	PACKAGING
AE0000054	2lt	100
AE0000055	4lt	100
AE0000064	8lt	100



PC NO-DRAIN EMITTER

CODE	DESCRIPTION	PACKAGING
AENDPC00200	2lt	100
AENDPC00400	4lt	100
AENDPC00800	8lt	100



ELBOW EMITTER WITH HOOK

CODE	DESCRIPTION	PACKAGING
AE44800070	0-70lt	100

1.5

Microsprinklers



ROTATING SPRAYER ANTIINSECT				
CODE	NOZZLE	l/h	D (m)	PACK.
AE43500040	ORANGE	40	5	100
AE43500070	BLACK	70	6,5	100
AE43500090	GREEN	90	7	100
AE43500105	BLUE	105	7,5	100
AE43500120	RED	120	8	100
AE43500140	PINK	140	8,5	100
AE43500160	BROWN	160	8,5	100
AE43500200	YELLOW	200	8,5	100
AE43500250	WHITE	250	8,5	100
AE43500300	OIL	300	8,5	100



ROTATING SUPER SPRAYER				
CODE	NOZZLE	l/h	D (m)	PACK.
AE43600040	ORANGE	40	5	100
AE43600070	BLACK	70	7	100
AE43600090	GREEN	90	7,5	100
AE43600105	BLUE	105	8	100
AE43600120	RED	120	8	100
AE43600140	PINK	140	8,5	100
AE43600160	BROWN	160	8,5	100
AE43600200	YELLOW	200	8,5	100
AE43600250	WHITE	250	9	100
AE43600300	OIL	300	9	100



STABLE SPRAYER				
CODE	NOZZLE	l/h	D (m)	PACK.
AE43300060	GRAY	60	3	100
AE43300070	BLACK	70	3,5	100
AE43300090	GREEN	90	4	100
AE43300105	BLUE	105	4,5	100
AE43300120	RED	120	5	100
AE43300140	PINK	140	5	100
AE43300160	BROWN	160	5,5	100
AE43300200	YELLOW	200	5,5	100



STABLE ANGLED SPRAYER				
CODE	NOZZLE	l/h	D (m)	PACK.
AE42620040	ORANGE	40	3,0	100
AE42620070	BLACK	70	3,5	100
AE42620090	GREEN	90	4,0	100
AE42620105	BLUE	105	4,0	100
AE42620120	RED	120	4,0	100
AE42620160	BROWN	160	4,5	100
AE42620200	YELLOW	200	4,5	100
AE42620250	WHITE	250	4,5	100
AE42620300	OIL	300	4,5	100
AE42610090	ORANGE	40	3,0	100
AE42610070	BLACK	70	3,5	100
AE42610090	GREEN	90	4,0	100
AE42610105	BLUE	105	4,0	100
AE42610120	RED	120	4,0	100
AE42610160	BROWN	160	4,5	100
AE42610200	YELLOW	200	4,5	100
AE42610250	WHITE	250	4,5	100
AE42610300	OIL	300	4,5	100
AE42600040	ORANGE	40	3,0	100
AE42600070	BLACK	70	3,5	100
AE42600090	GREEN	90	4,0	100
AE42600105	BLUE	105	4,0	100
AE42600120	RED	120	4,0	100
AE42600160	BROWN	160	4,5	100
AE42600200	YELLOW	200	4,5	100
AE42600250	WHITE	250	4,5	100
AE42600300	OIL	300	4,5	100



MIST ATOMIZER			
CODE	NOZZLE	l/h	PACKAGING
AE43400040	ORANGE	40	100
AE43400070	BLACK	70	100
AE43400090	GREEN	90	100
AE43400105	BLUE	105	100
AE43400120	RED	120	100
AE43400160	BROWN	160	100
AE43400200	YELLOW	200	100
AE43400250	WHITE	250	100

1.5

Sprinklers



SUPER 10				
CODE	NOZZLE	P (bar)	Q (m³/h)	D (m)
AE336446	450L/H YELLOW	2,5	0,45	20,0
AE336442	550L/H GREEN	2,5	0,55	20,0



427 1/2" MALE				
CODE	NOZZLES (mm)	P (bar)	Q (m³/h)	D (m)
AE5147363	4	2,0	0,85	24,0



MAGIC DRIVE LA 140 1/2"				
CODE	NOZZLES (mm)	P (bar)	Q (m³/h)	D (m)
AE5181G41426	Y2.6 YELLOW	2,5	0,410	19,0
AE5181G41428	2.8 GREEN	2,5	0,465	20,0
AE5181G41430	3,0 BROWN	2,5	0,545	22,0
AE5181G41432	3.2 RED	2,5	0,615	23,0



5022-U 1/2" MALE - FULL & PART CIRCLE				
CODE	NOZZLES (mm)	P (bar)	Q (m³/h)	D (m)
AE5152913	2,5 X 1,8	2,5	0,560	21,0



AQUAMASTER & ADAPTOR				
CODE	NOZZLES (mm)	P (bar)	Q (m³/h)	D (m)
AE219517	300 L/H RED	2,5	0,365	13,0



5035 3/4" MALE - FULL & PART CIRCLE				
CODE	NOZZLES (mm)	P (bar)	Q (m³/h)	D (m)
AE5153515	5,0 X 2,5	3,0	1,950	30,0
AE5153516	5,5 X 2,5	3,0	2,300	32,0
AE5153517	6,0 X 2,5	3,0	2,650	33,0



501-U 1/2" FEMALE				
CODE	NOZZLES (mm)	P (bar)	Q (m³/h)	D (m)
AE5151616	1,6	2,5	0,130	12,0
AE5151620	2	2,5	0,200	13,0

1.5

Sprinkler Microfittings



JOINT		
CODE	DESCRIPTION	PACKAGING
AE36600008	CANDAL	100



MALE JOINER		
CODE	DESCRIPTION	PACKAGING
AE37000606	6X6	100



ADAPTOR MALE		
CODE	DESCRIPTION	PACKAGING
AE3730007	F7	100



NOZZLE		
CODE	DESCRIPTION	PACKAGING
AE3720007	F7	100



NOZZLE ADAPTOR		
CODE	DESCRIPTION	PACKAGING
AE3680006	F6 BLACK	100
AE36800K6	F6 RED	100



DIRECTOR PLUG		
CODE	DESCRIPTION	PACKAGING
AE36400006	F6	120
AE36400008	F8	100



BARBED JOINER		
CODE	DESCRIPTION	PACKAGING
AE36900707	F7	100



SNAP FIT		
CODE	DESCRIPTION	PACKAGING
AE394A0006	F6	100

1.5

Sprinkler Microfittings



CLIP STAKE		
CODE	DESCRIPTION	PACKAGING
AE39000015	for microtube 3,8-4,5mm(ID)	100



STAKE		
CODE	DESCRIPTION	PACKAGING
AE38001840	40CM BLACK	100
AE380K1840	40CM RED	100



HOOK		
CODE	DESCRIPTION	PACKAGING
AE37800016	F16	100
AE37800020	F20	100
AE37800025	F25	100



SUPER HOOK		
CODE	DESCRIPTION	PACKAGING
AE378S0020	F20	100
AE378S0025	F25	100



PUNCH		
CODE	DESCRIPTION	PACKAGING
AE38500003	F3 GREEN	10
AE38500004	F4 BLUE	10
AE38500006	F6 RED	10
AE38500008	F8 BROWN	10



SUPER SUPPORTING HOOK		
CODE	DESCRIPTION	PACKAGING
AE35215016	F16 X 150mm	100
AE35215020	F20 X 150mm	100



SPAGHETTI HOSE WITH 2 ADAPTORS		
CODE	DESCRIPTION	PACKAGING
AE38200307	0,30M	100
AE38200607	0,60M	100
AE38200807	0,80M	100
AE38201007	1,00M	100
AE38201207	1,20M	100
AE38201507	1,50M	100
AE38202007	2,00M	100



GROUND HOOK		
CODE	DESCRIPTION	PACKAGING
AE392A1620	16-20mm 14CM	100
AE392B1620	16-20mm 25CM	100



RAISER PP		
CODE	DESCRIPTION	PACKAGING
AE51230033	1" X 30CM	-
AE51250033	1" X 50CM	-

1.5

Sprinkler Microfittings



RAISER PVC		
CODE	DESCRIPTION	PACKAGING
AE51480033	1" X 80CM	-
AE51410033	1" X 100CM	-



FEMALE TEE		
CODE	DESCRIPTION	PACKAGING
AE36700777	6X6X6	100



PVC PIPE		
CODE	DESCRIPTION	PACKAGING
AE38100005	OD 5/ID 3.3	100
AE38100006	OD 6/ID 4.1	100
AE38100007	OD 7/ID 4.8	100



PVC PIPE F12 (Complete)		
CODE	DESCRIPTION	PACKAGING
AE38300100	F12 X 1,00M	25
AE38300120	F12 X 1,20M	25
AE38300150	Φ12 X 1,50M	25



ADAPTOR FEMALE		
CODE	DESCRIPTION	PACKAGING
AE37400121	F12 X 1/2"	100



ADAPTOR		
CODE	DESCRIPTION	PACKAGING
AE36800008	F8	100



BARBED PLUG		
CODE	DESCRIPTION	PACKAGING
AE36500004	F4	100
AE36500006	F6	100
AE36500008	F8	100

2

FITTINGS

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2.1

Barbed Fittings | PP



COUPLING BARBED		
CODE	DESCRIPTION	PACKAGING
AE34601212	12X12	100
AE34601616	16X16	100
AE34602020	20X20	100
AE34602525	25X25	100
AE34603232	32X32	100



COUPLING BARBED REDUCING		
CODE	DESCRIPTION	PACKAGING
AE34602016	20X16	100
AE34602516	25X16	100
AE34602520	25X20	100



TEE BARBED REDUCING		
CODE	DESCRIPTION	PACKAGING
AE34701612	16X12X16	100
AE34702012	20X12X20	100
AE34702016	20X16X20	100
AE34702512	25X12X25	100
AE34702516	25X16X25	100
AE34702520	25X20X25	100



TEE BARBED		
CODE	DESCRIPTION	PACKAGING
AE34701616	16X16X16	100
AE34702020	20X20X20	100
AE34702525	25X25X25	100



ELBOW BARBED		
CODE	DESCRIPTION	PACKAGING
AE34901616	16X16	100
AE34902020	20X20	100
AE34902525	25X25	100



OFFTAKE BARBED		
CODE	DESCRIPTION	PACKAGING
AE34400012	F12	100
AE34400016	F16	100
AE34400020	F20	100



OFFTAKE GROMMET BARBED		
CODE	DESCRIPTION	PACKAGING
AE343G0016	F16	100



ELBOW BARBED MALE		
CODE	DESCRIPTION	PACKAGING
AE34200161	16 X 1/2"	100
AE34200162	16 X 3/4"	100
AE34200201	20 X 1/2"	100
AE34200202	20 X 3/4"	100



TEE BARBED MALE		
CODE	DESCRIPTION	PACKAGING
AE34100161	16 X 1/2" X 16	100
AE34100162	16 X 3/4" X 16	100
AE34100201	20 X 1/2" X 20	100
AE34100202	20 X 3/4" X 20	100

2.2

Dripline Fittings



MULTICOUPLING SUPER BARBED ACETAL		
CODE	DESCRIPTION	PACKAGING
AE2032203	2PLO 20X1"	50
AE2033203	3PLO 20X1"	50
AE2034203	4PLO 20X1"	50
AE2034203X	4PLO 20X1" CROSS	50
AE2036203	6PLO 20X 1"	50



COUPLING SUPER BARBED - ACETAL		
CODE	DESCRIPTION	PACKAGING
AE20401616	16X16	100
AE20402020	20X20	100
AE20402525	25X25	100



ELBOW SUPER BARBED - ACETAL		
CODE	DESCRIPTION	PACKAGING
AE349A1616	16X16	100
AE349A2020	20X20	100
AE349A2525	25X25	100



TAF FIS SUPER - ACETAL		
CODE	DESCRIPTION	PACKAGING
AE347A1616	16X16X16	100
AE347A2020	20X20X20	100
AE347A2525	25X25X25	100



COUPLING SAFETY		
CODE	DESCRIPTION	PACKAGING
AE20501616	16X16	100
AE20502020	20X20	100



OFFTAKE SAFETY GROMMET		
CODE	DESCRIPTION	PACKAGING
AE344G0016	F16	100
AE344G0020	F20	100

2.2

Dripline Fittings



MULTICOUPLING		
CODE	DESCRIPTION	PACKAGING
AE2012163	DOUBLE 16X1"	50
AE2012203	DOUBLE 20X1"	50
AE2013163	TRIPLE 16X1"	50
AE2013203	TRIPLE 20X1"	50
AE2014163	QUADRUPLE 16X1"K	50
AE2014203	QUADRUPLE 20X1"K	50
AE2014163X	QUADRUPLE 16X1"X	50
AE2014203X	QUADRUPLE 20X1"X	50
AE2016163	SIX 16X1"	50
AE2016203	SIX 20X1"	50



COUPLING FOR DRIPLINE		
CODE	DESCRIPTION	PACKAGING
AE21900016	16X16	100
AE21900020	20X20	100



OFFTAKE FOR DRIPLINE		
CODE	DESCRIPTION	PACKAGING
AE20200016	F16	100
AE20200020	F20	100



DOUBLE RING		
CODE	DESCRIPTION	PACKAGING
AE20600016	F16	100
AE20600020	F20	100
AE20600025	F25	100



OFFTAKE GROMMET FOR DRIPLINE		
CODE	DESCRIPTION	PACKAGING
AE20900016	F16	100
AE20900020	F20	100



NIPPLE FOR DRIPLINE		
CODE	DESCRIPTION	PACKAGING
AE21001216	16X1/2"	100
AE21003416	16X3/4"	100
AE21001220	20X1/2"	100
AE21003420	20X3/4"	100

2.3

Tape Fittings



COUPLING TAPE		
CODE	DESCRIPTION	PACKAGING
AE21201717	17X17	100
AE21202222	22X22	100



COUPLING TAPE (with rings)		
CODE	DESCRIPTION	PACKAGING
AEEKY00Y16Y16	F16	100
AEEKY00Y17Y17	F17	100
AEEKY00Y22Y22	F22	100



END PLUG FOR TAPE		
CODE	DESCRIPTION	PACKAGING
AE21300017	F17	100



COUPLING BARBED - TAPE		
CODE	DESCRIPTION	PACKAGING
AE212B1617	16X17	100



OFFTAKE TAPE		
CODE	DESCRIPTION	PACKAGING
AE21400017	F17	100



OFFTAKE TAPE (with rubber)		
CODE	DESCRIPTION	PACKAGING
AE21500017	F17	100
AE21500022	F22	100



MULTICOUPLING FOR TAPE		
CODE	DESCRIPTION	PACKAGING
AE2112173	DOUBLE 17X1"	50
AE2113173	TRIPLE 17X1"	50
AE2114173	QUADRUPL 17X1"K	50
AE2114173X	QUADRUPL 17X1"X	50
AE2116173	SIX 17X1"	50

2.4

Lay Flat Barbed Fittings



COUPLING FOR LAYFLAT		
CODE	DESCRIPTION	PACKAGING
AE171B606	2"X2"	-
AE171B707	2,5"X2,5"	-
AE171B808	3"X3"	-
AE171B909	4"X4"	-



COUPLING WITH MALE OUTLET 1"		
CODE	DESCRIPTION	PACKAGING
AE171K0503	50x1"	-
AE171K0633	63x1"	-
AE171K0753	75x1"	-
AE171K0903	90x1"	-



ADAPTOR MALE		
CODE	DESCRIPTION	PACKAGING
AE173B0007	63X2"	-
AE173B0008	75X2,5"	-
AE173B0009	90X3"	-



LAYFLAT STARTER 3/4"		
CODE	DESCRIPTION	PACKAGING
AE1720002	ΑΡΣΕΝΙΚΗ 3/4"	100



STAINLESS STEEL CLAMP		
CODE	DESCRIPTION	PACKAGING
AE9305559	55-59 mm	-
AE9306368	63-68 mm	-
AE9306873	68-73 mm	-
AE9307379	73-79 mm	-
AE9307985	79-85 mm	-
AE9308691	86-91 mm	-
AE9309197	91-97 mm	-
AE9309710	97-104 mm	-
AE9301011	104-112 mm	-

2.5

Lock Fittings



COUPLING LOCK		
CODE	DESCRIPTION	PACKAGING
AE13301616	16X16	50
AE13302020	20X20	50
AE13302016	20X16	50
AE13302525	25X25	50
AE13302516	25X16	50
AE13302520	25X20	50
AE13303232	32X32	30
AE13303220	32X20	50
AE13303225	32X25	30



ADAPTOR LOCK MALE		
CODE	DESCRIPTION	PACKAGING
AE1310161	16X1/2"	50
AE1310162	16X3/4"	50
AE1310163	16X1"	50
AE1310201	20X1/2"	50
AE1310202	20X3/4"	50
AE1310203	20X1"	50
AE1310251	25x1/2"	50
AE1310252	25X3/4"	50
AE1310253	25X1"	50
AE1310321	32x1/2"	50
AE1310322	32X3/4"	50
AE1310323	32X1"	50
AE1310324	32X1 1/4"	50



TEE LOCK		
CODE	DESCRIPTION	PACKAGING
AE13401616	16X16X16	50
AE13401620	16X20X16	50
AE13402016	20X16X20	50
AE13402020	20X20X20	50
AE13402025	20X25X20	50
AE13402516	25X16X25	50
AE13402520	25X20X25	50
AE13402525	25X25X25	25
AE13403215	32x16x32	20
AE13403220	32X20X32	20
AE13403225	32X25X32	20
AE13403232	32X32X32	20



ELBOW LOCK		
CODE	DESCRIPTION	PACKAGING
AE13701616	16X16	50
AE13702016	20X16	50
AE13702020	20X20	50
AE13702525	25X25	50
AE13702520	25X20	50
AE13703232	32X32	30
AE13703225	32X25	30



END PLUG LOCK		
CODE	DESCRIPTION	PACKAGING
AE13000016	F16	50
AE13000020	F20	50
AE13000025	F25	50
AE13000032	F32	50



OFFTAKE LOCK		
CODE	DESCRIPTION	PACKAGING
AE130A0016	F16	50
AE130A0020	F20	50

2.5

Lock Fittings



TEE LOCK MALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE13500161	16X1/2"X16	50
AE13500162	16X3/4"X16	50
AE13500163	16X1"X16	50
AE13500201	20X1/2"X20	50
AE13500202	20X3/4"X20	50
AE13500203	20X1"X20	50
AE13500251	25X1/2"X25	50
AE13500252	25X3/4"X25	50
AE13500253	25X1"X25	50
AE13500321	32X1/2"X32	25
AE13500322	32X3/4"X32	25
AE13500323	32X1"X32	25
AE13500324	32X1 1/4"X32	25



ELBOW LOCK MALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE13800161	16X1/2"	50
AE13800162	16X3/4"	50
AE13800163	16X1"	50
AE13800201	20X1/2"	50
AE13800202	20X3/4"	50
AE13800203	20X1"	50
AE13800251	25X1/2"	50
AE13800252	25X3/4"	50
AE13800253	25X1"	50
AE13800321	32 x 1/2"	50
AE13800322	32X3/4"	50
AE13800323	32X1"	50
AE13800324	32X1 1/4"	50



ELBOW LOCK FEMALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE13900161	16X1/2"	50
AE13900162	16X3/4"	50
AE13900163	16X1"	50
AE13900201	20X1/2"	50
AE13900202	20X3/4"	50
AE13900203	20X1"	50
AE13900251	25X1/2"	50
AE13900252	25X3/4"	50
AE13900253	25X1"	50
AE13900322	32X3/4"	50
AE13900323	32X1"	50



TEE LOCK FEMALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE13600161	16X1/2"X16	50
AE13600162	16X3/4"X16	50
AE13600163	16X1"X16	50
AE13600201	20X1/2"X20	50
AE13600202	20X3/4"X20	50
AE13600203	20X1"X20	50
AE13600251	25X1/2"X25	50
AE13600252	25X3/4"X25	50
AE13600253	25X1"X25	50
AE13600322	32X3/4"X32	25
AE13600323	32X1"X32	25



NIPPLE		
CODE	DESCRIPTION	PACKAGING
AE14900160	3/4"X16	100
AE14900200	3/4"X20	100
AE14900250	1"X25	100
AE24900320	1 1/4"X32	100



NUT		
CODE	DESCRIPTION	PACKAGING
AE15001602	3/4"X16	100
AE15002002	3/4"X20	100
AE15002503	1"X25	100
AE15003204	1 1/4"X32	100

2.6

Compression Fittings



COUPLING		
CODE	DESCRIPTION	PACKAGING
AE10303232	32X32	60
AE10304040	40X40	30
AE10305050	50X50	24
AE10306363	63X63	13
AE10307575	75X75	9
AE10309090	90X90	12
AE10301111	110X110	6



REDUCING COUPLING		
CODE	DESCRIPTION	PACKAGING
AE10303225	32X25	75
AE10304032	40X32	45
AE10305040	50X40	25
AE103006340	63X40	20
AE10306350	63X50	16
AE10307563	75X63	9
AE10309075	90X75	12
AE10301190	110X90	6



ADAPTOR FEMALE		
CODE	DESCRIPTION	PACKAGING
AE1020322	32X3/4"	100
AE1020323	32X1"	100
AE1020403	40X1"	50
AE1020404	40X11/4"	50
AE1020405	40X11/2"	50
AE1020406	40X2"	50
AE1020503	50X1"	30
AE1020504	50X11/4"	30
AE1020505	50X11/2"	30
AE1020506	50X2"	30
AE1020635	63X11/2"	20
AE1020636	63X2"	20
AE1020637	63X21/2"	15
AE1020756	75X2"	12
AE1020757	75X21/2"	12
AE1020908	90X3"	18
AE1021108	110X3"	8
AE1021109	110X4"	8



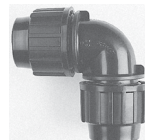
ADAPTOR MALE		
CODE	DESCRIPTION	PACKAGING
AE1010322	32X3/4"	100
AE1010323	32X1"	100
AE1010403	40X1"	60
AE1010404	40X11/4"	60
AE1010405	40X11/2"	60
AE1010406	40X2"	75
AE1010503	50X1"	35
AE1010504	50X11/4"	35
AE1010505	50X11/2"	35
AE1010506	50X2"	35
AE1010635	63X11/2"	27
AE1010636	63X2"	27
AE1010637	63X21/2"	25
AE1010756	75X2"	12
AE1010757	75X21/2"	12
AE1010908	90X3"	9
AE1010909	90X4"	9
AE1011108	110X3"	8
AE1011109	110X4"	8

2.6

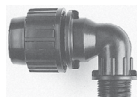
Compression Fittings



COUPLING EXTENDED		
CODE	DESCRIPTION	PACKAGING
AE103M4040	40X40	25
AE103M5050	50X50	20
AE103M6363	63X63	10
AE103M7575	75X75	6
AE103M9090	90X90	5
AE103M1111	110X110	3



ELBOW		
CODE	DESCRIPTION	PACKAGING
AE10703232	32X32	50
AE10704040	40X40	25
AE10705050	50X50	15
AE10706363	63X63	10
AE10707575	75X75	6
AE10709090	90X90	8
AE10701111	110X110	4



ELBOW MALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE10800322	32X3/4"	85
AE10800323	32X1"	85
AE10800404	40X11/4"	40
AE10800405	40X11/2"	40
AE10800406	40X2"	40
AE10800505	50X11/2"	25
AE10800506	50X2"	25
AE10800635	63X11/2"	12
AE10800636	63X2"	12
AE10800757	75X21/2"	8
AE10800908	90X3"	10
AE10801109	110X4"	8



ELBOW FEMALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE10900322	32X3/4"	70
AE10900323	32X1"	70
AE10900404	40X11/4"	40
AE10900505	50X11/2"	20
AE10900506	50X2"	20
AE10900636	63X2"	12
AE10900757	75X21/2"	8
AE10900758	75X3"	8
AE10900908	90X3"	10
AE10901109	110X4"	8

2.6

Compression Fittings



TEE		
CODE	DESCRIPTION	PACKAGING
AE10403232	32X32X32	30
AE10404040	40X40X40	20
AE10405050	50X50X50	12
AE10406363	63X63X63	7
AE10407575	75X75X75	4
AE10409090	90X90X90	4
AE10401111	110X110X110	2



REDUCING TEE		
CODE	DESCRIPTION	PACKAGING
AE10403225	32X25X32	40
AE10404032	40X32X40	20
AE10405040	50X40X50	12
AE10406350	63X50X63	10
AE10407563	75X63X75	4
AE10409075	90X75X90	6
AE10401190	110X90X110	2



TEE MALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE10500322	32X3/4"X32	40
AE10500323	32X1"X32	40
AE10500404	40X11/4"X40	25
AE10500405	40X11/2"X40	25
AE10500406	40X2"X40	58
AE10500505	50X11/2"X50	15
AE10500506	50X2"X50	15
AE10500635	63X11/2"X63	10
AE10500636	63X2"X63	10
AE10500757	75X21/2"X75	5
AE10500908	90X3"X90	6
AE10501109	110X4"X110	3



TEE FEMALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE10600322	32 X 3/4" X 32	40
AE10600323	32X 1" X 32	40
AE10600404	40 X 11/4" X 40	25
AE10600405	40 X 11/2" X 40	25
AE10600505	50 X 11/2" X 50	15
AE10600506	50 X 2" X 50	15
AE10600636	63 X 2" X 63	10
AE10600756	75 X 2" X 75	5
AE10600757	75 X 21/2" X 75	5
AE10600908	90 X 3" X 90	6
AE10601109	110 X 4" X 110	3

2.6

Compression Fittings



END PLUG		
CODE	DESCRIPTION	PACKAGING
AE10000032	32	125
AE10000040	40	65
AE10000050	50	40
AE10000063	63	27
AE10000075	75	12
AE10000090	90	22
AE10000011	110	10



COMPRESSION CAP WRENCH		
CODE	DESCRIPTION	PACKAGING
AE1156375	32-63	1
AE1157511	75-110	1



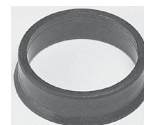
CAP		
CODE	DESCRIPTION	PACKAGING
AE11200032	32	10
AE11200040	40	10
AE11200050	50	10
AE11200063	63	10
AE11200075	75	10
AE11200090	90	10
AE11200110	110	10



SPLIT RING		
CODE	DESCRIPTION	PACKAGING
AE113000032	32	10
AE113000040	40	10
AE113000050	50	10
AE113000063	63	10
AE113000075	75	10
AE113000090	90	10
AE113000110	110	10



O-RING		
CODE	DESCRIPTION	PACKAGING
AE11500032	32	10
AE11500040	40	10
AE11500050	50	10
AE11500063	63	10
AE11500075	75	10
AE11500090	90	10
AE11500110	110	10



INSERT RING		
CODE	DESCRIPTION	PACKAGING
AE11400032	32	10
AE11400040	40	10
AE11400050	50	10
AE11400063	63	10
AE11400075	75	10
AE11400090	90	10
AE11400110	110	10



SADDLES WITH BOLT

CODE		DESCRIPTION	PACKAGING
AE28320251	2 SCREWS	25 X 1/2"	100
AE28320252		25 X 3/4"	100
AE28320321		32 X 1/2"	90
AE28320322		32 X 3/4"	90
AE28320401		40 X 1/2"	60
AE28320402		40 X 3/4"	60
AE28320403		40 X 1"	60
AE28320501		50 X 1/2"	70
AE28320502		50 X 3/4"	70
AE28340503	4 SCREWS	50 X 1"	40
AE28340631		63 X 1/2"	30
AE28340632		63 X 3/4"	30
AE28340633		63 X 1"	30
AE28340634		63 X 1 1/4"	25
AE28340635		63 X 1 1/2"	25
AE28340751		75 X 1/2"	20
AE28340752		75 X 3/4"	20
AE28340753		75 X 1"	20
AE28340754		75 X 1 1/4"	20
AE28340755		75 X 1 1/2"	20
AE28340756		75 X 2"	20
AE28340901		90 X 1/2"	15
AE28340902		90 X 3/4"	15
AE28340903		90 X 1"	15
AE28340904		90 X 1 1/4"	15
AE28340905		90 X 1 1/2"	15
AE28340906		90 X 2"	15
AE28340111		110 X 1/2"	15
AE28340112		110 X 3/4"	15
AE28340113		110 X 1"	15
AE28340114		110 X 1 1/4"	15
AE28340115		110 X 1 1/2"	15
AE28340116		110 X 2"	15
AE28340122		125 X 3/4"	10
AE28340123		125 X 1"	10
AE28340125		125 X 1 1/2"	10
AE28340126		125 X 2"	10



CLAMP SADDLE DRAWER

CODE	DESCRIPTION	PACKAGING
AE28100251	25 X 1/2"	150
AE28100321	32 X 1/2"	125
AE28100322	32 X 3/4"	125
AE28100401	40 X 1/2"	70
AE28100402	40 X 3/4"	70
AE28100403	40 X 1"	70
AE28100501	50 X 1/2"	55
AE28100502	50 X 3/4"	55
AE28100503	50 X 1"	55
AE28100632	63 X 3/4"	35
AE28100633	63 X 1"	35
AE28100703	70 X 1"	35
AE28100752	75 X 3/4"	25
AE28100753	75 X 1"	25
AE28100902	90 X 3/4"	20
AE28100903	90 X 1"	20
AE28100112	110 X 3/4"	15
AE28100113	110 X 1"	15



RUBBER RING

CODE	DESCRIPTION	PACKAGING
AE281A4050	F40-50	100
AE281A6311	F63-110	100

2.8

Threaded Fittings



REDUCING NIPPLE		
CODE	DESCRIPTION	PACKAGING
AE50100201	3/4"X1/2"	100
AE50100302	1"X3/4"	100
AE50100301	1"X1/2"	100
AE50100402	1 1/4"X3/4"	50
AE50100403	1 1/4"X1"	50
AE50100503	1 1/2"X1"	20
AE50100504	1 1/2"X1 1/4"	20
AE50100603	2"X1"	10
AE50100604	2"X1 1/4"	10
AE50100605	2"X1 1/2"	10
AE50100706	2 1/2"X2"	1
AE50100806	3"X2"	1
AE50100807	3"X2 1/2"	1



BUSHING		
CODE	DESCRIPTION	PACKAGING
AE50300201	3/4"X1/2"	100
AE50300301	1"X1/2"	50
AE50300302	1"X3/4"	50
AE50300402	1 1/4"X3/4"	50
AE50300403	1 1/4"X1"	50
AE50300502	1 1/2"X3/4"	20
AE50300503	1 1/2"X1"	20
AE50300504	1 1/2"X1 1/4"	20
AE50300602	2"X3/4"	10
AE50300603	2"X1"	20
AE50300604	2"X1 1/4"	10
AE50300605	2"X1 1/2"	10
AE50300703	2 1/2"X1"	10
AE50300704	2 1/2"X1 1/4"	10
AE50300705	2 1/2"X1 1/2"	10
AE50300706	2 1/2"X2"	1
AE50300806	3"X2"	1
AE50300807	3"X2 1/2"	1



NIPPLE		
CODE	DESCRIPTION	PACKAGING
AE50100202	3/4"X3/4"	100
AE50100303	1"X1"	100
AE50100404	1 1/4"X1 1/4"	50
AE50100505	1 1/2"X1 1/2"	20
AE50100606	2"X2"	10
AE50100707	2 1/2"X2 1/2"	1
AE50100808	3"X3"	1



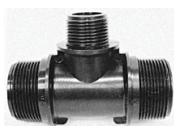
SOCKET		
CODE	DESCRIPTION	PACKAGING
AE50200101	1/2"x1/2"	100
AE50200202	3/4"X3/4"	100
AE50200303	1"X1"	50
AE50200303	1"X1"	50
AE50200404	1 1/4"X1 1/4"	25
AE50200505	1 1/2"X1 1/2"	20
AE50200606	2"X2"	10
AE50200707	2 1/2"X2 1/2"	1
AE50200808	3"X3"	1



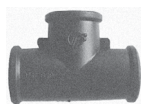
REDUCING SOCKET		
CODE	DESCRIPTION	PACKAGING
AE50200201	3/4"X1/2"	100
AE50200301	1"X1/2"	100
AE50200302	1"X3/4"	50
AE50200403	1 1/4"X1"	25
AE50200502	1 1/2"X3/4"	20
AE50200503	1 1/2"X1"	20
AE50200504	1 1/2"X1 1/4"	20
AE50200602	2"X3/4"	10
AE50200603	2"X1"	10
AE50200604	2"X1 1/4"	10
AE50200605	2"X1 1/2"	10
AE50200706	2 1/2"X2"	1
AE50200807	3"X2 1/2"	1

2.8

Threaded Fittings



TEE MALE		
CODE	DESCRIPTION	PACKAGING
AE50400201	3/4"X1/2"X3/4"	100
AE50400202	3/4"X3/4"X3/4"	100
AE50400203	3/4"X1"X3/4"	100
AE50400301	1"X1/2"X1"	100
AE50400302	1"X3/4"X1"	100
AE50400303	1"X1"X1"	100
AE50400401	1 1/4"X1/2"X1 1/4"	50
AE50400402	1 1/4"X3/4"X1 1/4"	50
AE50400403	1 1/4"X1"X1 1/4"	50
AE50400404	1 1/4"X1 1/4"X1 1/4"	50
AE50400502	1 1/2"X3/4"X1 1/2"	20
AE50400503	1 1/2"X1"X1 1/2"	20
AE50400505	1 1/2"X1 1/2"X1 1/2"	20
AE50400603	2"X1"X2"	10
AE50400605	2"X1 1/2"X2"	10
AE50400606	2"X2"X2"	10
AE50400706	2 1/2"X2"X2 1/2"	10
AE50400805	3"X1 1/2"X3"	10
AE50400806	3"X2"X3"	10



TEE FEMALE		
CODE	DESCRIPTION	PACKAGING
AE50500101	1/2"X1/2"X1/2"	50
AE50500202	3/4"X3/4"X3/4"	50
AE50500303	1"X1"X1"	25
AE50500404	1 1/4"X1 1/4"X1 1/4"	10
AE50500505	1 1/2"X1 1/2"X1 1/2"	10
AE50500606	2"X2"X2"	5



TEE MALE - FEMALE		
CODE	DESCRIPTION	PACKAGING
AE5170202	3/4"X3/4"X3/4"	50
AE5170232	3/4"X1"X3/4"	50
AE5170323	1"X3/4"X1"	50
AE5170303	1"X1"X1"	50
AE5170402	1 1/4"X3/4"X1 1/4"	50
AE5170403	1 1/4"X1"X1 1/4"	50



ELBOW MALE		
CODE	DESCRIPTION	PACKAGING
AE50600202	3/4"X3/4"	100
AE50600303	1"X1"	100
AE50600404	1 1/4"X1 1/4"	100
AE50600201	3/4"X1/2"	100
AE50600301	1"X1/2"	100
AE50600302	1"X3/4"	100
AE50600401	1 1/4"X1/2"	100
AE50600402	1 1/4"X3/4"	100
AE50600403	1 1/4"X1"	50

2.8

Threaded Fittings



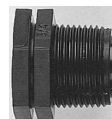
ELBOW MALE - FEMALE		
CODE	DESCRIPTION	PACKAGING
AE50800101	1/2"X1/2"	50
AE50800202	3/4"X3/4"	50
AE50800302	1"X3/4"	50
AE50800303	1"X1"	50



ELBOW FEMALE		
CODE	DESCRIPTION	PACKAGING
AE50700101	1/2"X1/2"	100
AE50700202	3/4"X3/4"	100
AE50700303	1"X1"	50
AE50700404	1 1/4"X1 1/4"	10
AE50700505	1 1/2"X1 1/2"	10
AE50700606	2"X2"	10



PLUG FEMALE		
CODE	DESCRIPTION	PACKAGING
AE51000001	1/2"	100
AE51000002	3/4"	100
AE51000003	1"	100
AE51000004	1 1/4"	50
AE51000005	1 1/2"	20
AE51000006	2"	10
AE51000007	2 1/2"	5
AE51000008	3"	5



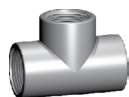
PLUG MALE		
CODE	DESCRIPTION	PACKAGING
AE50900001	1/2"	100
AE50900002	3/4"	100
AE50900003	1"	100
AE50900004	1 1/4"	50
AE50900005	1 1/2"	20
AE50900006	2"	10
AE50900007	2 1/2"	5
AE50900008	3"	5



TEFLON		
CODE	DESCRIPTION	PACKAGING
AE9150000	TEFLON	-
AE9150001	TEFLON LARGE	-



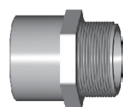
ELBOW 90°		
CODE	DESCRIPTION	PACKAGING
AE7010040	F40	-
AE7010050	F50	-
AE7010063	F63	-
AE7010075	F75	-
AE7010090	F90	-
AE7010011	F110	-



TEE		
CODE	DESCRIPTION	PACKAGING
AE7050050	F50	-
AE7050063	F63	-
AE7050075	F75	-
AE7050090	F90	-
AE7050011	F110	-



REDUCER RING		
CODE	DESCRIPTION	PACKAGING
AE7064032	40X32	-
AE7065040	50X40	-
AE7066350	63X50	-
AE7067563	75X63	-
AE7069075	90X75	-
AE7061190	110X90	-



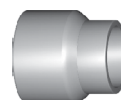
ADAPTOR - MALE THREADED		
CODE	DESCRIPTION	PACKAGING
AE707040505	40 X 50 X 11/4"	-
AE707050636	50 X 63 X 2"	-
AE707063756	63 X 75 X 2"	-
AE707075908	75 X 90 X 3"	-
AE707090118	90 X 110 X 3"	-
AE707090119	90 X 110 X 4"	-



ELBOW 45°		
CODE	DESCRIPTION	PACKAGING
AE7020040	F40	-
AE7020050	F50	-
AE7020063	F63	-
AE7020075	F75	-
AE7020090	F90	-
AE7020011	F110	-



SOCKET		
CODE	DESCRIPTION	PACKAGING
AE7040040	F40	-
AE7040050	F50	-
AE7040063	F63	-
AE7040075	F75	-
AE7040090	F90	-
AE7040011	F110	-



REDUCING SOCKET		
CODE	DESCRIPTION	PACKAGING
AE7176350	63 X 50	-
AE7177563	75 X 63	-
AE7179075	90 X 75	-
AE7171190	110 X 90	-



CAP FEMALE		
CODE	DESCRIPTION	PACKAGING
AE7090050	F50	-
AE7090063	F63	-
AE7090075	F75	-
AE7090090	F90	-
AE7090011	F110	-

2.9

P.V.C. Solvent Gluing



INLET MALE		
CODE	DESCRIPTION	PACKAGING
AE785E636	63 X 2"	-
AE785E757	75 X 21/2"	-
AE785E908	90 X 3"	-
AE785E119	110 X 4"	-



SLEEVE SOCKET (without seal ring)		
CODE	DESCRIPTION	PACKAGING
AE7851063	F63/10ATM	-
AE7851075	F75/10ATM	-
AE7851090	F90/10ATM	-
AE7851690	F90/16ATM	-



GIBAULT		
CODE	DESCRIPTION	PACKAGING
AE0000057	F63	-
AE0000038	F75	-
AE0000037	F90	-
AE0000091	F110	-



PVC GLUE		
CODE	DESCRIPTION	PACKAGING
AE7410250	250 gr	-
AE7410500	500 gr	-



CROSS		
CODE	DESCRIPTION	PACKAGING
AE7160063	F63	-
AE7160075	F75	-
AE7160090	F90	-
AE7160011	F110	-

3

VALVES - MINI VALVES

3.1	Plastic Valves	57-59
	Plastic Ball Valves	57
	Mini Valves Thread / Barbed / Lock	58
	Mini Valves Dripline / Tape	59
3.2	Metallic / Brass Valves	60

3.1

Plastic Valves



BALL VALVE M-F		
CODE	DESCRIPTION	PACKAGING
AE24600202	3/4"X3/4"	100
AE24600303	1"X1"	100
AE24600404	1 1/4"X1 1/4"	55
AE24600505	1 1/2"X1 1/2"	35
AE24600606	2"X2"	20



BALL VALVE F-F		
CODE	DESCRIPTION	PACKAGING
AE24700202	3/4"X3/4"	100
AE24700303	1"X1"	100
AE24700404	1 1/4"X1 1/4"	55
AE24700505	1 1/2"X1 1/2"	35
AE24700606	2"X2"	20



BALL VALVE FEMALE WITH 2 ADAPTORS		
CODE	DESCRIPTION	PACKAGING
AE247R0707	Ø-Ø 2 1/2"	9
AE247R0808	Ø-Ø 3"	6



BALL VALVE SOLVENT GLUING		
CODE	DESCRIPTION	PACKAGING
AE24707575	F75 x F75	9
AE24709090	F90 x F90	6



BUTTERFLY VALVE 10ATM		
CODE	DESCRIPTION	PACKAGING
AE26700008	F90x3"	1
AE26800009	F110x4"	1

3.1

Mini valves thread - barbed - lock



MINI VALVE BARBED		
CODE	DESCRIPTION	PACKAGING
AE25000016	16X16	50
AE25000020	20X20	50
AE25000025	25X25	50



MINI VALVE THREADED MALE		
CODE	DESCRIPTION	PACKAGING
AE25200101	1/2"X1/2"	50
AE25200202	3/4"X3/4"	50
AE25200201	1/2"X3/4"	50



MINI VALVE LOCK - BARBED		
CODE	DESCRIPTION	PACKAGING
AE25201616	16X16	50
AE25202016	20X16	50
AE25201620	16X20	50
AE25202020	20X20	50



MINI VALVE LOCK QUICK COUPLING		
CODE	DESCRIPTION	PACKAGING
AE25000016	16X16	50
AE25000020	16X20	50
AE25000025	20X20	50



MINI VALVE THREADED MALE - BARBED		
CODE	DESCRIPTION	PACKAGING
AE25100161	16X1/2"	50
AE25100201	20X1/2"	50
AE25100162	16X3/4"	50
AE25100202	20X3/4"	50
AE25100252	25X3/4"	50
AE25100163	16X1"	50
AE25100203	20X1"	50
AE25100253	25X1"	50



MINI VALVE THREADED MALE - LOCK		
CODE	DESCRIPTION	PACKAGING
AE25400162	3/4"X16	50
AE25400202	3/4"X20	50
AE25400163	1"X16	50
AE25400203	1"X20	50
AE25400253	1"X25	50



MINI VALVE OFFTAKE - BARBED		
CODE	DESCRIPTION	PACKAGING
AE23300016	(O)X16	50
AE23300020	P(O)X20	50



MINI VALVE OFFTAKE - LOCK		
CODE	DESCRIPTION	PACKAGING
AE23800016	P(O)X16	50
AE23800020	P(O)X20	50



MINI VALVE OFFTAKE GROMMET BARBED		
CODE	DESCRIPTION	PACKAGING
AE221S1616	P(O)X16	50
AE221S1620	P(O)X20	50

3.1

Mini valves Dripline - Tape



MINI VALVE OFFTAKE FOR DRIPLINE		
CODE	DESCRIPTION	PACKAGING
AE23400016	P(O) X 16	50
AE234T0017	P(O) X 17	50
AE23400020	P(O) X 20	50



MINI VALVE FOR TAPE		
CODE	DESCRIPTION	PACKAGING
AE23900016	16X16	50
AE23900022	22X22	50



MINI VALVE THREADED MALE FOR TAPE		
CODE	DESCRIPTION	PACKAGING
AE255T0162	3/4"X16	50
AE255T0222	3/4"X22	50



MINI VALVE OFFTAKE FOR TAPE WITH RUBBER		
CODE	DESCRIPTION	PACKAGING
AEVOY00C16Y16	P(O) X 16	-



MINI VALVE OFFTAKE FOR LAY FLAT TAPE		
CODE	DESCRIPTION	PACKAGING
AE23900172	F17	-

3.2

Metallic - Brass valves



GATE VALVE

CODE	DESCRIPTION	PACKAGING
AE90300101	1/2"	-
AE90300202	3/4"	-
AE90300303	1"	-
AE90300404	1 1/4"	-
AE90300505	1 1/2"	-
AE90300606	2"	-
AE90300707	2 1/2"	-
AE90300808	3"	-
AE90300909	4"	-



BALL VALVE FULL BORE F-F

CODE	DESCRIPTION	PACKAGING
AE80300101	1/2"	-
AE80300202	3/4"	-
AE80300303	1"	-
AE24900404	1 1/4"	-
AE80300505	1 1/2"	-
AE80300606	2"	-
AE24900707	2 1/2"	-
AE80300808	3"	-
AE24900909	4"	-



BIBCOCK TAP

CODE	DESCRIPTION	PACKAGING
AE90400001	1/2"	-
AE90400002	3/4"	-



ANTI-FROST TAP

CODE	DESCRIPTION	PACKAGING
AE90500001	1/2"	-
AE90500002	3/4"	-



CAST IRON BUTTERFLY VALVE

CODE	DESCRIPTION		PACKAGING
AE80400606	2"	DN50	-
AE80400707	2 1/2"	DN65	-
AE80400808	3"	DN80	-
AE80400909	4"	DN100	-
AE80401010	5"	DN125	-
AE80401111	6"	DN150	-
AE80401212	8"	DN200	-

4

FILTERS

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4.3	Specifications Venturi	66-66

4.1

In line filters plastic



IN LINE SCREEN FILTER LARGE		
CODE	DESCRIPTION	PACKAGING
AE3080622	3/4"X3/4" 60M	60
AE3081222	3/4"X3/4" 120M	60
AE3080633	1"X1" 60M	60
AE3081233	1"X1" 120M	60



IN LINE SCREEN FILTER GIGAS		
CODE	DESCRIPTION	PACKAGING
AE3090633	1"X1" 60M	50
AE3091233	1"X1" 120M	50



TEE FILTER SMALL		
CODE	DESCRIPTION	PACKAGING
AE3036163	16X1"X16 60M	70
AE3032163	16X1"X16 120M	70
AE3036201	20X1"X20 60M	70
AE3032203	20X1"X20 120M	70
AE3036253	25X1"X25 60M	60
AE3032253	25X1"X25 120M	60
AE3036323	32X1"X32 60M	60
AE3032323	32X1"X32 120M	50



TEE FILTER LARGE		
CODE	DESCRIPTION	PACKAGING
AE3046163	16X1"X16 60M	50
AE3042163	16X1"X16 120M	50
AE3046203	20X1"X20 60M	50
AE3042203	20X1"X20 120M	50
AE3046253	25X1"X25 60M	50
AE3042253	25X1"X25 120M	50
AE3046323	32X1"X32 60M	50
AE3042323	32X1"X32 120M	50



ELBOW FILTER SMALL		
CODE	DESCRIPTION	PACKAGING
AE30506203	20X1" 60M	80
AE30520203	20X1" 120M	80
AE30506253	25X1" 60M	80
AE30520253	25X1" 120M	80
AE30506323	32X1" 60M	70
AE30520323	32X1" 120M	60



ELBOW FILTER LARGE		
CODE	DESCRIPTION	PACKAGING
AE30660203	20X1" 60M	80
AE30620203	20X1" 120M	80
AE30660253	25X1" 60M	80
AE30620253	25X1" 20M	80
AE30660323	32X1" 60M	60
AE30620323	32X1" 120M	60



SCREEN FOR FILTER		
CODE	DESCRIPTION	PACKAGING
AE316M0060	SMALL 60M	20
AE316M0120	SMALL 120M	20
AE31600M60	LARGE 60M	20
AE3160M120	LARGE 120M	20
AE31600001	GIANT 1" X1"	20



IN LINE SCREEN FILTER SMALL		
CODE	DESCRIPTION	PACKAGING
AE30706022	3/4"X3/4" 60M	80
AE30701222	3/4"X3/4" 120M	80
AE30706033	1"X1" 60M	80
AE30712033	1"X1" 120M	80

4.1

Plastic Filters



IN LINE SCREEN FILTER		
CODE	DESCRIPTION	PACKAGING
AE3080644	1 1/4"X1 1/4" 60M	30
AE3081244	1 1/4"X1 1/4" 120M	30
AE3080655	1 1/2"X1 1/2" 60M	17
AE3081255	1 1/2"X1 1/2" 120M	17
AE3080666	2"X2" 60M	11
AE3081266	2"X2" 120M	11



DISK FILTER VERTICAL		
CODE	DESCRIPTION	PACKAGING
(PLASTIC CLAMP)		
AE313DVS126P	2" 120MESH SUPER	1
AE313DVS128P	3" 120MESH SUPER	1
AE313DV128P	3" 120MESH	
(CHROME CLAMP)		
AE313DV1288	3" 120MESH	1
AE313DHS1288	3" 120MESH SUPER	1



DOYBLE FILTER HORIZONTAL		
CODE	DESCRIPTION	PACKAGING
AE313SDS129P	4" SCREEN 120MESH SUPER	1
AE313DDS129P	4" DISKS 120MESH SUPER	1



DISK FILTER HORIZONTAL		
CODE	DESCRIPTION	PACKAGING
AE313DH1588	3" 150MESH	1



SCREEN FILTER VERTICAL		
CODE	DESCRIPTION	PACKAGING
(PLASTIC CLAMP)		
AE313SV126P	2" 120MESH	1
AE313SV127P	2 1/2" 120MESH	1
(CHROME CLAMP)		
AE313SV1288	3" 120MESH	1
AE313SVS1288	3" 120MESH SUPER	1



DISK FILTER VERTICAL SELF-CLEANING		
CODE	DESCRIPTION	PACKAGING
AE313PC1288	3" 120MESH	1



DOYBLE SCREEN FILTER HORIZONTAL		
CODE	DESCRIPTION	PACKAGING
AE313SDS1288	3" 120 MESH SUPER	1
AE313SDS1299	4" 120 MESH SUPER	1

4.2

Metallic Filters & Fertilizer tanks



FILTER THREADED HORIZONTAL		
CODE	DESCRIPTION	PACKAGING
SCREEN		
AE853SH707 ◇◇	21/2"	1
AE853SH808 ◇◇	3"	1
AE853SH909 ◇◇	4"	1
DISK		
AE854DH808◇◇	3"	1
AE854DH909◇◇	4"	1

◇◇ Filled in with 12 or 15 according to the mesh, 120 or 150



FILTER WITH FLANGE HORIZONTAL		
CODE	DESCRIPTION	PACKAGING
SCREEN		
AE853SF707 ◇◇	21/2"	1
AE853SF808 ◇◇	3"	1
AE853SF909 ◇◇	4"	1
DISK		
AE853DF808◇◇	3"	1

◇◇ Filled in with 12 or 15 according to the mesh, 120 or 150



HYDROCYCLONE SYSTEMS		
CODE	DESCRIPTION	PACKAGING
AE858S0606	2"	1
AE858S0707	21/2"	1
AE858S0808	3"	1
AE858S0909	4"	1



HYDROCYCLONES		
CODE	DESCRIPTION	PACKAGING
AE8520606	2"	1
AE8520707	21/2"	1
AE8520808	3"	1
AE8520909	4"	1



SAND MEDIA FILTER VERTICAL		
CODE	DESCRIPTION	PACKAGING
AE856V002	2"	1
AE856V003	3"	1
AE856V004	4"	1



SAND MEDIA FILTER WITH BY PASS VERTICAL		
CODE	DESCRIPTION	PACKAGING
AE857V002	2"	1
AE857V003	3"	1
AE857V004	4"	1



GRAVEL		
CODE	DESCRIPTION	PACKAGING
AE31600009	0,3-1,2	25kg
AE316000B9	1,2-2,4	25kg

4.2

Metallic Filters & Fertilizer tanks



FERTILIZER TANK VERTICAL		
CODE	DESCRIPTION	PACKAGING
AE855V0060	60 lt	1
AE855V0090	90 lt	1
AE855V0120	120 lt	1
AE855V0200	200 lt	1
AE855V0300	300 lt	1



FERTILIZER TANK HORIZONTAL		
CODE	DESCRIPTION	PACKAGING
AE855H0200	200 lt	1
AE855H0300	300 lt	1
AE855H0640	640 lt	1



FILTER SCREEN WITH FERTIGATION HEAD		
CODE	DESCRIPTION	PACKAGING
AE853SH707A	2 1/2"	1
AE853SH808A	3"	1
AE853SH909A	4"	1



FERTIGATION HEAD		
CODE	DESCRIPTION	PACKAGING
AE85000606	2"	1
AE85000707	2 1/2"	1
AE85000808	3"	1
AE85000909	4"	1



MANOMETER		
CODE	DESCRIPTION	PACKAGING
AE91900006	ΑΡΛΟ PN6	1
AE91900010	ΑΡΛΟ PN10	1
AE92000006	ΓΛΥΚΕΡΙΝΗΣ PN6	1
AE92000010	ΓΛΥΚΕΡΙΝΗΣ PN10	1



FERTILIZER INJECTOR VENTURI		
CODE	DESCRIPTION	PACKAGING
AE68000002	3/4"	1
AE68000003	1"	1



AIR RELEASE VALVE DOUBLE ACTION		
CODE	DESCRIPTION	PACKAGING
AE29200006	2"	-



AIR RELEASE VALVE DOUBLE ACTION		
CODE	DESCRIPTION	PACKAGING
AE29200003	1"	-
AE29200005	1 1/2"	-

4.3

VENTURI

Injector Performance Table A				Injector Performance Table B			
Injector Model		1"		Injector Model		1"	
Operating Pressure kg/cm2		Water Suction		Operating Pressure kg/cm2		Water Suction	
Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction LPH	Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction LPH
0.35	0.00	13.8	238.0	4.22	0.00	47.9	274.2
	0.07		136.7		0.35		274.2
	0.14		90.2		0.70		274.2
	0.21		27.7		1.05		274.2
	0.28		6.4		1.41		274.2
0.70	0.00	19.6	354.9		2.11		269.6
	0.14		234.5		2.46		239.8
	0.35		138.1		2.81		156.9
	0.49		59.9		3.16		61.9
	0.56		14.1	4.92	0.00	51.7	278.8
1.05	0.00	23.9	330.7		0.35		278.8
	0.35		235.2		0.70		278.8
	0.49		172.1		1.05		278.8
	0.70		89.5		1.41		278.8
	0.84		27.3		2.11		278.9
1.41	0.00	27.7	313.7		2.81		255.6
	0.35		304.7		3.16		177.6
	0.70		184.0		3.52		116.3
	0.84		127.3		3.87		48.8
	1.05		79.6	5.62	0.00	55.3	280.9
1.76	0.00	30.9	311.5		0.35		280.9
	0.35		307.7		0.70		280.9
	0.70		277.2		1.05		280.9
	1.05		171.5		1.41		280.9
	1.41		76.1		2.11		280.9
2.11	0.00	33.9	302.6		2.81		279.0
	0.35		299.7		3.52		215.4
	0.70		291.4		4.22		97.7
	1.05		247.4		4.57		30.0
	1.41		133.8	6.33	0.00	58.7	281.1
2.46	1.76		34.3		0.35		281.1
	0.00	36.6	300.5		0.70		281.1
	0.35		300.5		1.41		281.1
	0.70		293.5		2.11		281.1
	1.05		282.0		2.81		281.1
	1.41		198.0		3.52		265.2
	1.76		114.6		4.22		181.1
2.81	0.00	39.1	293.2		4.92		68.7
	0.35		293.2		5.27		3.2
	0.70		293.2	7.03	0.00	61.8	289.1
	1.05		293.2		0.35		289.1
	1.41		278.6		0.70		289.1
	1.76		191.5		1.41		289.1
	2.11		106.9		2.11		289.1
3.16	0.00	41.5	301.3		2.81		289.1
	0.35		301.3		3.52		282.0
	0.7		301.3		4.22		256.5
	1.05		301.3		4.92		169.2
	1.41		298.4		5.62		49.2
3.52	1.76		253.6	8.44	0.00	67.7	285.3
	2.11		167.2		0.35		285.3
	2.46		83.3		0.70		285.3
	0.00	43.7	283.1		1.41		285.3
	0.35		283.1		2.11		285.3
	0.70		283.1		2.81		285.3
	1.05		283.1		3.52		285.3
	1.41		283.1		4.22		283.6
	1.76		258.5		4.92		266.1
	2.11		212.6		5.62		231.7
	2.46		138.7		6.33		130.7
	2.81		36.2		7.03		32.5



5

LANDSCAPE

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5.1

Garden Fittings

Pop up sprayers

PS ULTRA - ADJUSTABLE ARC		
TYPE	DESCRIPTION	PACKAGING
PSU-02-10A	Height 5cm, r=3,0m, q=0,04 - 0,66 m ³ /h	100
PSU-02-12A	Height 5cm, r=3,7m, q=0,06 - 0,76 m ³ /h	100
PSU-02-15A	Height 5cm, r=4,5m, q=0,09 - 1,00 m ³ /h	100
PSU-02-17A	Height 5cm, r=5,1m, q=0,11 - 1,25 m ³ /h	100
PSU-04-10A	Height 10cm, r=3,0m, q=0,04 - 0,66 m ³ /h	100
PSU-04-12A	Height 10cm, r=3,7m, q=0,06 - 0,76 m ³ /h	100
PSU-04-15A	Height 10cm, r=4,5m, q=0,09 - 1,00 m ³ /h	100
PSU-04-17A	Height 10cm, r=5,1m, q=0,11 - 1,25 m ³ /h	100



PRO-SPRAY BODY		
TYPE	DESCRIPTION	PACKAGING
PROS-02	Height 2" (5cm)	50
PROS-04	Height 4" (10cm)	50



NOZZLE WITH ADJUSTABLE ARC FOR PSU, PROS		
TYPE	DESCRIPTION	PACKAGING
4-A	r=1,2m, q=0,02 - 0,22 m ³ /h	25
6-A	r=1,8m, q=0,03 - 0,33 m ³ /h	25
8-A	r=2,4m, q=0,04 - 0,66 m ³ /h	25
10-A	r= 3,0m, q=0,04 - 0,66 m ³ /h	25
12-A	r=3,7m, q= 0,06 - 0,76 m ³ /h	25
15-A	r=4,5m, q= 0,09 - 1,00 m ³ /h	25
17-A	r=5,1m, q=0,11 - 1,25 m ³ /h	25



SPECIAL GEOMETRY NOZZLES		
TYPE	DESCRIPTION	PACKAGING
SS-530	Side strip 1,5 X 9,0m, q=0,30 m ³ /h	25
LCS-515	Left corner 1,5 X 4,5m, q=0,15 m ³ /h	25
RCS-515	Right corner 1,5 X 4,5m, q=0,15 m ³ /h	25



5.1

Garden Fittings

Pop up sprayers



ECO ROTATOR ½"		
TYPE	DESCRIPTION	PACKAGING
ECO-04-1000	Ajustable 90° - 210°, Maroon	50
ECO-04-2000	Ajustable 90° - 210°, Black	50
ECO-04-3000	Ajustable 90° - 210°, Blue	50



NOZZLE MP ROTATOR		
TYPE	DESCRIPTION	PACKAGING
MP-1000	Ajustable arc 90°-210°, maroon	25
MP-2000	Ajustable arc 90°-210°, black	25
MP-3000	Ajustable arc 90°-210°, blue	25
	Ajustable arc 210°-270°, yellow	
MP-3500	Ajustable arc 90°-210°, light brown	25
MP-Corner	Ajustable arc 45° - 105°, turquoise	25



ACCESSORIES MP ROTATOR		
TYPE	DESCRIPTION	PACKAGING
MPTOOL	Radius - angle adjustment tool	1

5.1

Garden Fittings

Gear driven rotors, adjustable arc

PGP 3/4"		
TYPE	DESCRIPTION	PACKAGING
PGP-ADJ-04	Height 4" (10cm) r=8,5-15,9 m, q=0,11-3,27 m³/h	20
PGP ULTRA-04	Height 4" (10cm) r=8,2 -15,8m, q=0,10 -3,22 m³/h	20



I-20 ULTRA 3/4"		
TYPE	DESCRIPTION	PACKAGING
I-20-04SS	Height 4" (10cm) inox, r=9,0-15,9m, q=0,20 -1,86 m³/h	20
I-20-04	Height 4" (10cm) plastic, r=9,0-15,9m, q=0,20 -1,86 m³/h	20



SRM 1/2"		
TYPE	DESCRIPTION	PACKAGING
SRM-04	Height 4" (10cm) r= 4,0-10,7m, q=0,08-1,00 m³/h	25



PGJ 1/2"		
TYPE	DESCRIPTION	PACKAGING
PGJ-04	Height 4" (10cm) r= 4,3-11,6m, q=0,13-1,20 m³/h	25



5.1

Garden Fittings

Gear driven rotors, adjustable arc



I-25 ULTRA 1"		
TYPE	DESCRIPTION	PACKAGING
I-25-04-SSB	Height 4" (10cm) inox, r= 11,9-21,6m, q=0,81-7,24 m³/h	12
I-25-04-B	Height 4" (10cm) plastic, r= 11,9-21,6m, q=0,81-7,24 m³/h	12



I-90 1 1/2"		
TYPE	DESCRIPTION	PACKAGING
I-90-ADV	Height 3" (8cm), adjustable arc r= 20,1-31,4m, q=6,70-18,92 m³/h	12
I-90-36V	Height 3" (8cm), Full circle r= 20,1-31,4m, q=6,70-18,92 m³/h	12
467955	TURF KIT CUP	1



G-990/995 1 1/2" WITH 24 VAC VALVE		
TYPE	DESCRIPTION	PACKAGING
G990 E	Height 3" (8cm), Full circle r= 20,4-27,1m, q=6,27- 15,24 m³/h	6
G995 E	Height 3" (8cm), adjustable arc r= 20,4-27,1m, q=6,27- 15,24 m³/h	6



HSJ - SWIN JOINTS		
TYPE	DESCRIPTION	PACKAGING
HSJ-1-65-212	1", L=30cm	15
HSJ-3-65-212	1 1/2", L=30cm	15

5.1

Garden Fittings

Electrovalves - AC Controllers

ELECTROVALVE PGV		
TYPE	DESCRIPTION	PACKAGING
PGV-100GB	1" F-F, without flow control	20
PGV-101GB	1" F-F, with flow control	20
PGV-100GB9V	1" F-F, without f/c, DC solenoid	20
PGV-151B	1 1/2" F-F, with flow control	8
PGV-201B	2" F-F, with flow control	8



CONTROLLER X-CORE		
TYPE	DESCRIPTION	PACKAGING
XC-201i	2 stations indoor	10
XC-401i	4 stations indoor	10
XC-601i	6 stations indoor	10
XC-801i	8 stations indoor	10
XC-401o	4 stations outdoor	10
XC-601o	6 stations outdoor	10
XC-801o	8 stations outdoor	10



CONTROLLER X2-WiFi		
TYPE	DESCRIPTION	PACKAGING
X2-401o	4 stations outdoor	10
X2-601o	6 stations outdoor	10
X2-801o	8 stations outdoor	10



CONTROLLER XC-HYBRID		
TYPE	DESCRIPTION	PACKAGING
XCH-600	6 stations, with DC solenoid valve	10
XCH-1200	12 stations, with DC solenoid valve	10



5.1

Garden Fittings

AC & Battery Controllers - Sensors



CONTROLLER Pro-C – EXPANDABLE		
TYPE	DESCRIPTION	PACKAGING
PC-401o	4 stations outdoor	8
PCM-300	3 stations expansion board	10
PCM-900	9 stations expansion board	10



CONTROLLER ICC2 – EXPANDABLE		
TYPE	DESCRIPTION	PACKAGING
I2C-800PL	8 stations outdoor, expandable to 38 stations	1
ICM-400	4 stations expansion board	1
ICM-800	8 stations expansion board	1
ICM-2200	22 stations expansion board	1



CONTROLLER NODE DC		
TYPE	DESCRIPTION	PACKAGING
NODE-100 VALVE	1 station, with valve 1" DC	1
NODE-200	2 stations without solenoid	1
NODE-400	4 stations without solenoid	1
NODE-600	6 stations without solenoid	1
458200	Solenoid 9 Volt DC	1



RAIN SENSOR		
TYPE	DESCRIPTION	PACKAGING
Mini-clik	Adjustable for 3-25mm rain height	1

5.2

Garden Fittings

Pop up sprayers

UNI - SPRAY 1/2"		
TYPE	DESCRIPTION	PACKAGING
US 215	Height 5cm, r=3,4-4,6m, q= 0,60-0,84 m ³ /h	100
US 410	Height 10cm, r=2,1-3,1m, q= 0,44-0,59 m ³ /h	50
US 412	Height 10cm, r=2,7-3,7m, q= 0,35-0,54 m ³ /h	50
US 415	Height 10cm, r=3,4-4,6m, q= 0,60-0,84 m ³ /h	50
US 418	Height 10cm, r=4,3-5,5m, q= 0,96-1,21 m ³ /h	50
US 400	Body	50



NOZZLE WITH ADJUSTABLE ARC FOR UNI - 1800		
TYPE	DESCRIPTION	PACKAGING
4 - VAN	r=0,9-1,2m, q= 0,14-0,20 m ³ /h	25
6 - VAN	r=1,2-1,8m, q= 0,19-0,27 m ³ /h	25
8 - VAN	r=1,8-2,4m, q= 0,27-0,39 m ³ /h	25
10 - VAN	r=2,1-3,1m, q= 0,44-0,59 m ³ /h	25
12 - VAN	r=2,7-3,7m, q= 0,35-0,54 m ³ /h	25
15 - VAN	r=3,4-4,6m, q= 0,60-0,84 m ³ /h	25
18 - VAN	r=4,3-5,5m, q= 0,96-1,21 m ³ /h	25



1800 - SPRAY BODY 1/2"		
TYPE	DESCRIPTION	PACKAGING
1802	Height 2" (5cm)	100
1804	Height 4" (10cm)	75



3500 1/2"		
TYPE	DESCRIPTION	PACKAGING
3504-PC	r=4,6-10,7m, q= 0,12-1,04 m ³ /h	20
3504-PC SAM (ADV)	r=4,6-10,7m, q= 0,12-1,04 m ³ /h	20



5.2

Garden Fittings

Gear driven rotors, adjustable arc



5000 3/4"		
TYPE	DESCRIPTION	PACKAGING
5004-PC	Height 4" (10cm) r=7,6-15,2m, q=0,18-2,19 m³/h	20
5004-PC SAM (ADV)	Height 4" (10cm) r=7,6-15,2m, q=0,18-2,19 m³/h	20



8005 1"		
TYPE	DESCRIPTION	PACKAGING
8005 PC/FC	height 4" (10cm) plastic, r= 17,4-24,6m, q=2,54- 8,24 m³/h	12
8005 PC/ FC-SS	height 4" (10cm) inox, r= 17,4-26,0m, q=2,54- 8,24 m³/h	12



FALCON 1"		
TYPE	DESCRIPTION	PACKAGING
FALCON PC	Adjustable 40° - 360° r= 11,9-19,8m, q=0,66- 4,93 m³/h	20
FALCON FC	Full circle 360° r= 11,9-19,8m, q=0,66- 4,93 m³/h	20



EAGLE - 952 1 1/2" WITH 24 VAC VALVE		
TYPE	DESCRIPTION	PACKAGING
EAGLE 952	Height 3" (8cm) Adjustable 0° - 360° r= 19,5 - 27,1m, q=4,85- 13,5 m³/h	6

5.2

Garden Fittings

Electrovalves - AC Controllers

ELECTROVALVE DV		
TYPE	DESCRIPTION	PACKAGING
DV-100	1" F-F, without flow control	20
DVF-100	1" F-F, with flow control	20
DV-100-9V	1" F-F , without f/c, DC solenoid	20



ELECTROVALVE HV		
TYPE	DESCRIPTION	PACKAGING
HV-100	1" F-F , without flow control	20
HVF-100	1" F-F, with flow control	20



ELECTROVALVE PGA		
TYPE	DESCRIPTION	PACKAGING
PGA-100	1" F-F, with flow control	20
PGA-150	1 1/2" F-F, with flow control	20
PGA-200	2" F-F, with flow control	20



CONTROLLER ESP-TM2		
TYPE	DESCRIPTION	PACKAGING
TM2-4i	4 stations indoor	6
TM2-6i	6 stations indoor	6
TM2-8i	8 stations indoor	6
TM2-4o	4 stations outdoor	6
TM2-6o	6 stations outdoor	6
TM2-8o	8 stations outdoor	6



5.2

Garden Fittings

AC & Battery Controllers



CONTROLLER ESP-ME – EXPANDABLE		
TYPE	DESCRIPTION	PACKAGING
ESP-ME	4 stations, expandable to 22 stations	1
ESP-SM3	3 stations expansion board	1
ESP-SM6	6 stations expansion board	1



CONTROLLER ESP-9V		
TYPE	DESCRIPTION	PACKAGING
ESP-9V-1 VALVE	1 station, with valve 1" DC	1
ESP-9V-2	2 stations without solenoid	1
ESP-9V-4	4 stations without solenoid	1
ESP-9V-6	6 stations without solenoid	1
DV-100-9V	Solenoid 9 Volt DC	1



WiFi BOARD FOR ESP-TM2 & ESP-ME		
TYPE	DESCRIPTION	PACKAGING
WiFi LNK	WiFi expansion board	1

5.3

Garden Fittings

Valve boxes & Fittings

VALVE BOXES		
TYPE	DESCRIPTION	PACKAGING
AE50006001	Mini 6" (cylindrical)	1
AE50001001	Large 10" (cylindrical)	1
AE50001201	Standar 12" (rectangle)	1
AE50000017	Jumbo 14" (rectangle)	1



MANIFOLD 1"		
TYPE	DESCRIPTION	PACKAGING
AE50000022	2 outlets	120
AE50000023	3 outlets	80
AE50000024	4 outlets	60



COUPLING 1"		
TYPE	DESCRIPTION	PACKAGING
AE15000006	Male-Male	10
AE15000008	Male-Female	10
AE15000010	Female-Female	10



TEE 1"		
TYPE	DESCRIPTION	PACKAGING
AE5000003	Male - Male - Female	10
AE5000004	Male - Female - Female	10



5.3

Garden Fittings

Valve boxes & Fittings



TEE 1"		
TYPE	DESCRIPTION	PACKAGING
AE5000005	Female - Female - Female	10



ELBOW 1"		
TYPE	DESCRIPTION	PACKAGING
AE000001	Male-Female	10
AE000002	Female-Female	10

AGROTICA TAPE

MINILITE

Integrated Mini Flat Dripper in 6MIL up to 15MIL thickness pipes, flow rates 1.0 & 2.0 LPH

AGROLITE

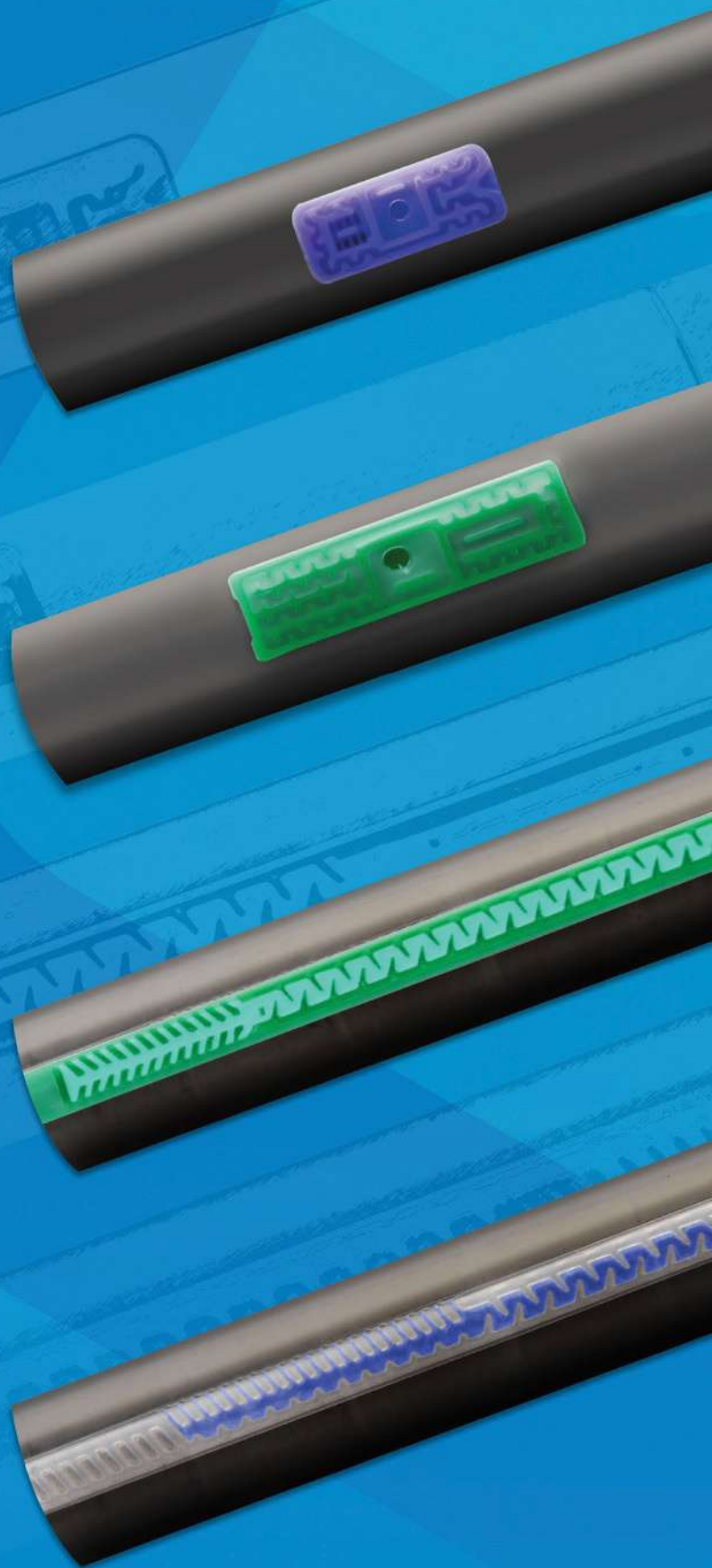
Integrated Flat Dripper in 6MIL up to 28MIL thickness pipes, flow rates 1.0, 2.0, & 4.0 LPH

AGROTAPE

Irrigation Tape with labyrinth strip emitter welded into the extruded pipe, pipe thickness 6MIL to 15MIL, flow rates 0.5, 1.1, and 1.7 LPH

ECO TAPE

Irrigation Tape with embossed track emitter, thickness 4MIL to 10MIL, flow rates 0.5 & 1.0 LPH



6

SYNTHETIC LINER



TECHNICAL DATA SHEET

AGROTICA HDPE DOUBLE SMOOTH BLACK (HDS):

AGROTICA HDPE Geomembranes are produced from prime quality, high molecular weight resins and are specially designed for most containment and environmental protection applications. The finished product has exceptional mechanical and chemical resistance properties, is highly durable with excellent aging, UV resistance and Environmental Stress Crack Resistance properties making it very suitable for most exposed applications. AGROTICA Geomembranes are produced with virgin resins and DO NOT contain any fillers, foreign additives or plasticizing agents.

The AGROTICA Geomembrane specification shown below meets or exceeds customer specification.

Tested Properties	Test Method	Frequency	HDS 0.75 mm	HDS 1.00 mm	HDS 1.50 mm	HDS 2.00 mm	HDS 2.50 mm	HDS 3.00 mm
Thickness, (Nominal) mm	ASTM D 5199	Per roll	0.75	1.00	1.50	2.00	2.50	3.00
Density(min ave), g/cm ³	ASTM D 792	90,000 Kgs	0.940	0.940	0.940	0.940	0.940	0.940
Tensile Properties , (min. ave)	ASTM D 6693,	9,000 Kgs						
Strength at Yield , N/mm	Type IV							
Strength at Break, N/mm	50mm /min							
Elongation at Yield, %	G.L. = 33 mm							
Elongation at Break, %	G.L. = 50 mm							
Tear Resistance,(min ave) N	ASTM D 1004	20,000 Kgs	93	125	187	249	311	374
Puncture Resistance,(min ave) N	ASTM D 4833	20,000 Kgs	260	360	520	680	840	1000
Carbon Black Content, (range) %	ASTM D1603/4218	9,000 Kgs	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0
Carbon Black Dispersion	ASTM D 5596	20,000 Kgs	+Note 1	+Note 1	+Note 1	+Note 1	+Note 1	+Note 1
Notched Constant Tensile Load, hrs	ASTM D 5397	Per GRIGM10	500	500	500	500	500	500
Oxidative Induction Time, mins	ASTM D 3895	90,000 Kgs	100	100	100	100	100	100
Dimensional Stability, %	ASTM D 1204	Resin batch	±1	±1	±1	±1	±1	±1
Oven Aging at 85°C HP OIT % retained after 90 days	ASTM D 5721 ASTM D 5885	Per formulation	>80	>80	>80	>80	>80	>80
UV Resistance HP OIT % retained after 1600 hrs	GM 11 ASTM D 5885	Per formulation	>50	>50	>50	>50	>50	>50
Width(m) - BF / FD	RTM	Per Roll	8 / 8	8 / 8	8 / 8	N.A / 8	N.A / 8	N.A / 8
Length(m) - BF / FD	RTM	Per Roll	225 / 225	170 / 170	110 / 110	N.A / 80	N.A / 70	N.A / 50
Area (m ²) - BF / FD	RTM	Per Roll	1800	1360	880	640	N.A / 560	N.A / 400

NOTES:

- 1: Carbon black Dispersion only applies to near spherical agglomerates. 10 of 10 views in Category 1 or 2.
- 2: Testing frequencies are rounded to the nearest full roll.
- 3: Roll lengths & widths have a tolerance of ±1%.
- 4: NCTL/OIT Results for Smooth and Textured materials (BF) are taken from SMOOTH Section/Selvedge of the Roll & All 3rd Party Tests
Must be taken from this section only, however for all ETEX the OIT test can be taken anywhere on the Sheet.
- 5: Where offered, Conductive layers will be complete across the bottom of each roll. (Conductive Sheets will BF only).
- 6: For reference; BF= Blown Film, FD= Flat Die.
- 7: Where offered single Textured rolls, will be located on the upper face Unless otherwise agreed.
- 8: Nominal Thickness is equal to the minimum average value – 5%.

TECHNICAL DATA SHEET

HDE GM13

AGROTICA HDPE DOUBLE ENHANCED TEXTURED BLACK (HDE) (ETEX):

AGROTICA HDPE Geomembranes are produced from prime quality, high molecular weight resins and are specially designed for most containment and environmental protection applications. The finished product has exceptional mechanical and chemical resistance properties, is highly durable with excellent aging, UV resistance and Environmental Stress Crack Resistance properties making it very suitable for most exposed applications. AGROTICA Geomembranes are reproduced with virgin resins and DO NOT contains any fillers, foreign additives or plasticizing agents.

The AGROTICA Geomembrane specification shown below meets or exceeds GRI GM 13 Standards.

Tested Prosperities	Test Method	Frequency	HDE 1.50 mm	HDE 2.00 mm	HDE 2.50 mm
Thickness, (nominal) mm	ASTM D 5994	Per roll	1.50	2.00	2.50
Thickness, (min. ave) mm			1.43	1.90	2.37
Lowest individual for 8 out of 10 values			1.35	1.80	2.25
Lowest individual of 10 values			1.28	1.70	2.13
Asperity Height (ave), mm	ASTM D 7466	Per roll	≥0.60	≥0.60	≥0.60
Density(min ave), g/cm ³	ASTM D 792/1505	90,000 Kgs	0.940	0.940	0.940
Tensile Properties , (min. ave)	ASTM D 6693, Type IV 50mm /min G.L. = 33 mm G.L. = 50 mm	9,000 Kgs			
Strength at Yield , N/mm			22	29	37
Strength at Break, N/mm			16	21	26
Elongation at Yield, %			12	12	12
Elongation at Break, %			100	100	100
Tear Resistance,(min ave) N	ASTM D 1004	20,000 Kgs	187	249	311
Puncture Resistance,(min ave) N	ASTM D 4833	20,000 Kgs	400	534	667
Carbon Black Content, (range) %	ASTM D 4218	9,000 Kgs	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0
Carbon Black Dispersion	ASTM D 5596	20,000 Kgs	+Note 1	+Note 1	+Note 1
Notched Constant Tensile Load, hrs	ASTM D 5397	Per GRIGM10	500	500	500
Dimensional Stability, %	ASTM D 1204	Resin batch	±1	±1	±1
OIT, minutes (min ave)	ASTM D 8117	90,000 Kgs	100	100	100
---OR.... HP OIT, minutes (min ave)			400	400	400
Oven Aging at 85°C	ASTM D 5721 ASTM D8117	Per formulation	>55	>55	>55
OIT % retained after 90 days			>80	>80	>80
---OR.... HP OIT % retained after 90 days	ASTM D 5885		>80	>80	>80
UV Resistance	ASTM D7238 ASTM D 5885	Per formulation	>50	>50	>50
HP OIT % retained after 1600 hrs			>50	>50	>50
Width(m) - FD	RTM	Per Roll	8	8	8
Length(m) - FD	RTM	Per Roll	70	55	40
Area (m ²) - FD	RTM	Per Roll	560	440	320

NOTES:

- 1: Carbon black Dispersion only applies to near spherical agglomerates. 10 of 10 views in Category 1 or 2.
- 2: Testing frequencies are rounded the nearest full roll.
- 3: Roll lengths & widths have a tolerance of ±1%.
- 4: NCTL/OIT Results for Smooth and Textured materials (BF) are taken from SMOOTH Section/Selvedge of the Role & All 3rd Party Tests
Must be taken from this section only, however for all ETEX the OIT test can be taken anywhere on the Sheet.
- 5: Where offered, Conductive layers will be complete across the bottom of each roll. (Conductive Sheets will BF only).
- 6: For reference; BF= Blown Film, FD= Flat Die.
- 7: Where offered single Textured rolls, will be located on the upper face Unless otherwise agreed.

AGROTEX PN 300.1

NONWOVEN GEOTEXTILES FOR PROTECTION APPLICATIONS

AGROTEX PN are nonwoven geotextiles manufactured with virgin high tenacity polypropylene fibres assembled by a needlepunched treatment only. The fabrics are CE marked according to EN 13249, 13250, 13251, 13252, 13253, 13254, 13255, 13256, 13257, 13265 for the following intended uses: F, D, R, P, F+D, R+P, F+S+D, F+R+S, F+S, R+S, F+R.

AGROTEX PN			300.1	Notes
Mechanical and Hydraulic properties				
Tensile Strength - CMD	EN ISO 10319	kN/m	66	1, 2
Tolerance			-8.0	
Strain - CMD	EN ISO 10319	%	85	1
Tolerance			±25	
Tensile Strength - MD	EN ISO 10319	kN/m	58	1, 2
Tolerance			-7.5	
Strain - MD	EN ISO 10319	%	80	1
Tolerance			±20	
Static Puncture Resistance - CBR	EN ISO 12236	N	11000	1
Tolerance			-1600	
Dynamic Puncture Resistance - Cone Drop	EN ISO 13433	mm	1.0	1
Tolerance			1.0	
Pyramid Puncture	EN 14574	N	1000	1
Tolerance			-150	
Permeability (normal to the plane)	EN ISO 11058	l/m ² s	20	1, 3
Tolerance			±10.0	
Opening Pore Size O ₉₅	EN ISO 12956	µm	55	1
Tolerance			±25	
Transmissivity at 20 kPa, i=1	EN ISO 12958	1x10 ⁻⁶ m ² /s	9.5	1
Tolerance			-3.5	
Physical properties				
Polymer raw material			high tenacity polypropylene fibres	
Mass per unit area	EN ISO 9864	g/m ²	800	1
Thickness	EN ISO 9863-1	mm	5.8	4
Durability	Material to be covered within one month after installation. Predicted to be durable for 100 years service in natural soils with 4≤ph≤9 and soil temperature ≤25 °C			

NOTES:

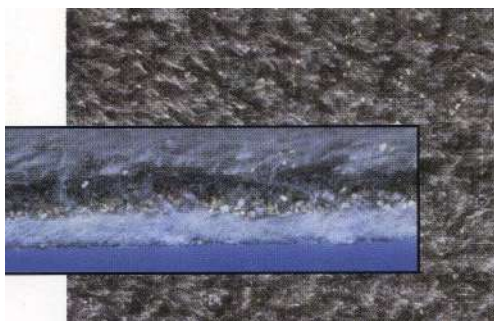
- 1) Mean value; if not differently indicated a standard 10% tolerance value is admitted;
 - 2) T_{ch} corresponds to the mean value deducted the tolerance and corresponds to the MARV at 95% of confidence limit;
 - 3) Constant Head Permittivity Test performed at H = 50mm;
Intermediate geotextile grades are available on request.
Loading plan by truck and container are available on request.
These data are statistic figures according to Harmonized European Standards.
 - 4) Nominal Informative value; such value is not representative of any technical performances so it's provided as informative note but it can change substantially for any production lot and 20% variation on the nominal value declared are possible.
- MD : longitudinal direction
CMD : transversal direction

For the optimisation and improvement process of the technical characteristics of the products, the producer reserves the right to modify standard and characteristics at the product without any warning. The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept any liability for any loss or damage, however arising, which results directly or indirectly from the use of such information nor do we offer any warranty or immunity against patent infringement.



AgroLine GCL type W consists of a layer of bentonite encapsulated between two geotextiles (one nonwoven and one woven polypropylene geotextiles), needle punched together for maximum performances under a wide variety of field conditions. This integrated matrix of bentonite and needle punched fibres provides high shear strength and allows the GCL to maintain low permeability even in presence of adverse installation conditions. The GCL has high internal shear strength characteristics for steep slope applications.

AgroLine GCL W			05	10	15	20
Geotextiles characteristics						
Basal layer			nonwoven geotextile			
Upper layer			woven geotextile			
Polymer			polypropylene			
Mass per unit (minimum values)	EN ISO 9864	gr/m ²	Basal layer 200 - Upper layer 100			
Bentonite characteristics						
Type			sodium bentonite			
Specific weight		g/cm ³	2.60			
Melting point		°C	1340			
Granules size		mesh	special blend from 6 to 30 (approx)			
Montmorillonit content		%	>70			
Water absorption	ASTM E946	%	>650			
Free swelling capacity	ASTM D5890	ml/2g	>24			
Bentonite fluid loss	ASTM D5891	ml	<18			
Bentonite content (average value at 12% moisture content)		g/m ²	3000	4000	4500	4900
Composite (GBR-C) characteristics						
Mass per unit (typical value)	EN 14196	g/m ²	3300	4300	4800	5200
Nominal thickness (typical value)		mm	5.0	6.0	6.5	7.0
Peel strength (minimum value)	ASTM D6496	N/10 cm	35	65	65	65
Permeability	ASTM D5084	m/sec	5 x 10 ⁻¹¹			
Fluid loss	ASTM D5887	m ³ /m ² sec	< 7.0 x 10 ⁻⁹			
Tensile strength ⁽¹⁾ (longitudinal)	EN ISO 10319	kN/m	11.7 (-0.2)	11.5 (-0.2)	11.5 (-0.2)	11.1 (-0.1)
Elongation ⁽¹⁾ (longitudinal)	EN ISO 10319	%	≤20	<20	<20	<20
Static puncture resistance ⁽¹⁾ (CBR)	EN ISO 12236	kN	2.2 (-0.1)	2.2 (-0.1)	2.2 (-0.1)	2.2 (-0.1)
Roll length		m	40	40	40	40
Roll width		m	5.0	5.0	5.0	5.0
Roll surface		m ²	200	200	200	200



⁽¹⁾ UTS value at 95% confidence limit;

Protective packaging should not be removed until the GBR-C is not required to be installed;
 The GBR-C has to be covered within three days after the installation (EN 12224 - durability).

For the optimisation and improvement process of the technical characteristics of the products, the producer reserves the factibility to modify standard and characteristics at the product without any warning. The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept any liability for any loss or damage, however arising, which results directly or indirectly from the use of such information nor do we offer any warranty or immunity against patent infringement.

TECHNICAL DATA SHEET

AGRODRAIN W 1051
 DRAINAGE COMPOSITE

Geocomposite for planar drainage (GCD), realized by thermobonding a draining core in extruded monofilaments (GMA) with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a "W" configuration as longitudinal parallel channels.

	Standard	Unit	Value	Tolerance
GEOCOMPOSITE (GCO)				
Thickness at 2 kPa	EN 9863-1	mm	5.0	+/-15%
Thickness at 20 kPa	EN 9863-1	mm	-	-
Mass per unit area	EN ISO 9864	g/m ²	620	+/-10%
Tensile strength MD	EN ISO 10319	kN/m	18	-20%
In plane flow capacity MD	EN ISO 12958	l/(m.s)		+/-30%
gradient i =		0.10	1.0	
soft/soft contact	20 kPa	-	1.00	
rigid/soft contact	20 kPa	0.22	1.10	
	100 kPa	0.16	0.80	
	200 kPa	0.12	0.50	
EXTERNAL FILTERS (GTX)				
Structure: nonwoven geotextiles				
Raw Material: UV stabilized polyolefin				
Mass per unit area	EN ISO 9864	g/m ²	120	+/-15%
Thickness at 2 kPa	EN ISO 9863-1	mm	0.75	+/-20%
Tensile strength MD & CMD	EN ISO 10319	kN/m	8.0	-1.3
Static puncture resistance	EN ISO 12236	N	1400	+/-20%
Dynamic puncture resistance	EN ISO 13433	mm	33	+15
Flux perpendicular to the plane	EN ISO 11058	l/(m ² s)	100	-30%
Characteristic opening size O ₉₀	EN ISO 12956	micron	110	+/-50
DRAINAGE CORE (GMA)				
Structure: three dimensional geomat made by extruded monofilaments set in longitudinal parallel channel configuration				
Raw Material: polypropylene UV stabilized by carbon black				
Mass per unit area	EN ISO 9864	g/m ²	380	+/-10%



MD : longitudinal direction
 CMD : transversal direction

The producer, for his optimisation and improving process of the product's technical characteristics, has the faculty to modify the standards and the characteristics of the product without any pre-advice. All the information are given in base to our experience; in any case no responsibility for an incorrect use could be referred to the producer or one of

AGRATEX H

GÉOTEXTILES NON TISSÉS AIGUILLETÉS ET THERMOCALANDRÉS

AGRATEX H		09.1	13.1	15.1	20.1	25.1	33.1	35.1	40.1	45.1	50.1	55.1	60.1	70.1	75.1	80.1	90.1	
Propriétés mécaniques et hydrauliques																		
Résistance à la traction — SL selon EN ISO 10319	kN/m	7.5 -1.0	8.7 -0.8	9.8 -1.1	11.5 -1.2	12.5 -1.2	15.5 -1.5	14.1 -1.4	16.5 -1.7	18.0 -1.8	21.0 -2.0	23.0 -2.3	25.3 -2.5	30.0 -2.6	31.8 -3.0	34.0 -3.0	38.0 -3.7	
	%	65 ±13	65 ±13	65 ±13	65 ±13	70 ±14	70 ±14	70 ±14	70 ±14	70 ±14	70 ±14	75 ±15	75 ±15	75 ±15	75 ±15	75 ±15	75 ±15	
Résistance à la traction — ST selon EN ISO 10319	kN/m	6.2 -0.8	8.3 -0.8	9.0 -1.0	11.5 -1.2	11.0 -1.1	14.4 -1.4	13.6 -1.4	16.2 -1.2	18.0 -1.8	20.5 -1.9	22.2 -2.2	24.5 -2.4	29.7 -2.6	31.3 -3.0	33.0 -3.0	36.5 -3.6	
	%	60 ±12	60 ±12	60 ±12	60 ±12	65 ±13	65 ±13	65 ±13	65 ±13	65 ±13	65 ±13	70 ±14	70 ±14	70 ±14	70 ±14	70 ±14	70 ±14	
Résistance au poinçonnement statique selon EN ISO 12236	N	1060 -106	1150 -115	1400 -140	1600 -160	1900 -190	2200 -220	2200 -220	2600 -260	2800 -280	3180 -318	3600 -360	3950 -395	4700 -470	5000 -500	5500 -550	6400 -640	
	mm	40 +8.0	33 +3.0	32 +4.0	30 +4.0	25 +4.0	24 +3.0	22 +3.0	21 +3.0	19 +3.0	16 +2.0	15 +3.0	13 +3.0	12 +3.0	12 +2.0	11 +2.0	9 +2.0	
Résistance au poinçonnement dynamique selon EN ISO 13433																		
Résistance au poinçonnement pyramidal selon EN ISO 14574	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400 -40	500 -30	
Perméabilité (normale au plan) selon EN ISO 11058	l/(m ² sec)	110 -22	105 -20	100 -20	90 -20	86 -18	75 -15	70 -14	52 -12	43 -12	36 -12	33 -9	30 -9	29 -8	28 -8	25 -8	23 -8	
	µm	100 ±25	90 ±25	80 ±25	80 ±25	70 ±20	70 ±20	65 ±20	65 ±20	65 ±15	65 ±15	65 ±15	65 ±15	65 ±15	65 ±15	65 ±15	50 ±15	
Ouverture de filtration O ₉₀ (EN ISO 12956)																		
	KJ/m ²	2.4 1.9	2.8 2.5	3.2 2.7	3.7 3.3	4.4 3.9	5.4 4.7	4.9 4.4	5.8 5.3	6.3 5.9	7.4 6.7	8.6 7.8	9.5 8.6	11.3 10.4	11.9 11.0	12.8 11.6	14.3 12.8	
Absorption énergie — SL & ST selon EN ISO 10318																		
Transmissivité à 20 kPa selon EN ISO 12958	1x10 ⁻⁷ m ² /s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propriétés physiques																		
Polypropylène de base																		
Masse surfacique (EN ISO 9864)	g/m ²	90	110	120	135	150	170	180	200	220	250	280	300	350	370	400	500	
	mm (2 kPa)	0.6	0.7	0.8	0.90	1.0	1.1	1.2	1.2	1.3	1.4	1.6	1.6	1.7	1.8	2.0	2.5	
	mm (20 kPa)	0.5	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.4	1.4	1.5	1.6	1.7	2.0	
	mm (200 kPa)	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.3	1.4	1.5	1.7	
Durabilité	Le matériau doit être couvert dans le mois qui suit l'installation. Durée de vie estimée dans des sols naturels (4<ph<9) à une température <25 °C supérieure à 25 ans																	

Géotextiles non tissés fabriqués en fibres de polypropylène vierge de haute ténacité aiguilleté et thermocalandré.

Les géotextiles sont certifiés CE selon les normes EN 13249, 13250, 13251, 13252, 13253, 13254, 13255, 13256, 13257, 13265 pour les utilisations suivantes : F, D, R, F+D, F+S+D, F+R+S, F+S, R+S, F+R.

Les Agratex sont certifiés CE en conformité avec le Règlement des Produits de la Construction UE 305/2011.

SL = sens longitudinal
ST = sens transversal

Remarque :

- Des dimensions intermédiaires peuvent être fournies sur demande.
- Un plan de chargement par camion et container peut être disponible sur demande
- Ces données sont des valeurs statistiques conformes aux normes Européennes harmonisées



Pour l'optimisation et l'évolution des caractéristiques techniques des produits, AGROTICA se réserve le droit de modifier les caractéristiques des produits sans communication préalable. Il appartient à l'utilisateur de vérifier les spécifications qu'il exige.



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