

DRIP LINES WITH FLAT PC DRIPPERS - AS400



AS400		TECHNICAL DETAILS					
NOMINAL DIAMETER	WALL THICKNESS		INSIDE DIAMETER	DRIPPER DISTANCE	COIL LENGHT	MAX. WORKING PRESSURE	MAX. FLUSHING PRESSURE
mm	mil	mm	mm	m	m	bar	bar
16	35	0,9	14,2	0,20-1,0	400	3,9	3,9
	40	1	14,0	0,20-1,0	400	4,0	4,6
	45	1,2	13,6	0,20-1,0	400	4,0	5,2
20	35	0,9	18,2	0,20-1,0	300	3,9	3,9
	40	1	18,0	0,20-1,0	300	4,0	4,6
	45	1,2	17,6	0,20-1,0	300	4,0	5,2

Filtration requirements: 100 microns / 150 mesh

Ø16 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT									
FLOW RATE	SPACING (METERS)								
1/h	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
1,0	123	185	236	271	314	361	382	415	467
1,6	92	128	168	201	230	254	279	310	344
2,0	82	116	147	177	203	229	254	277	299

Ø20 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT									
FLOW RATE	SPACING (METERS)								
1/h	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
1,0	247	319	403	475	523	575	607	668	729
1,6	188	248	300	347	391	433	472	509	545
2,0	165	209	263	290	327	364	416	438	461

DRIP LINES WITH FLAT PC/AS DRIPPERS - AS500



AS500		TECHNICAL DETAILS					
NOMINAL DIAMETER	WALL THICKNESS		INSIDE DIAMETER	DRIPPER DISTANCE	COIL LENGHT	MAX. WORKING PRESSURE	MAX. FLUSHING PRESSURE
mm	mil	mm	mm	m	m	bar	bar
16	35	0,9	14,2	0,20-1,0	400	3,9	3,9
	40	1	14,0	0,20-1,0	400	4,0	4,6
	45	1,2	13,6	0,20-1,0	400	4,0	5,2
20	35	0,9	18,2	0,20-1,0	300	3,9	3,9
	40	1	18,0	0,20-1,0	300	4,0	4,6
	45	1,2	17,6	0,20-1,0	300	4,0	5,2

Filtration requirements: 100 microns / 150 mesh

Ø16 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT

FLOW RATE	SPACING (METERS)								
1/h	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
1,0	135	204	260	298	345	397	420	457	514
1,6	90	128	162	195	223	252	279	305	329
2,0	101	141	185	221	253	280	307	341	379

Ø20 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT

FLOW RATE	SPACING (METERS)								
1/h	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
1,0	272	351	443	522	575	632	668	735	802
1,6	204	273	330	382	430	476	519	560	600
2,0	182	230	289	319	360	400	458	482	507

FLAT DRIP LINES - FD800



FD800 TECHNICAL DETAILS OF DRIP IRRIGATION PIPES								
DIAMETER	THICKNESS	SYSTEM PRESSURE	PIPE DIAMETER		WALL THICKNESS	MAX PRESSURE	MINIMUM FILTRATION	COIL LENGHT
mm	mil	bar	inside	outside	mm	bar	micr/mesh	m
16	5	0,8	16,1	16,35	0,8	0,8	125 / 120	2500
	6	1,0	16,1	16,4	0,15	1,0	125 / 120	2500
	8	1,0	16,1	16,5	0,20	1,2	125 / 120	2000
	10	1,0	16,1	16,6	0,25	1,4	125 / 120	1750
	12	1,0	16,1	16,7	0,30	1,5	125 / 120	1500
	15	1,0	16,1	16,9	0,37	1,8	125 / 120	1000
	18	1,0	16,1	17,0	0,45	2,0	125 / 120	1000
22	8	1,0	22,0	22,4	0,20	1,2	125 / 120	1000
	10	1,0	22,0	22,5	0,25	1,4	125 / 120	1000
	12	1,0	22,0	22,6	0,30	1,5	125 / 120	1000
	15	1,0	22,0	22,7	0,37	1,8	125 / 120	750
	18	1,0	22,0	22,9	0,45	2,0	125 / 120	750

Ø16 mm FLAT DRIP IRRIGATION PIPES LATERAL LENGHTS (@ 10% flow difference and 1 bar pressure)

SLOPE %	20 cm				30 cm				40 cm				50 cm				60 cm				75 cm				100 cm			
	flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour			
	1,2	1,6	2,2	3,2	1,2	1,6	2,2	1,2	1,6	2,2	3,2	1,2	1,6	2,2	1,2	1,6	2,2	3,2	1,2	1,6	2,2	1,2	1,6	2,2	3,2	1,2	1,6	2,2
2	66	61	56	38	79	77	60	47	90	82	71	55	101	84	77	63	125	112	82	69	108	106	93	93	123	115	100	96
1	80	72	63	40	108	104	75	53	130	108	86	65	142	120	96	74	157	144	110	86	159	154	137	137	170	162	145	109
0	98	85	70	45	136	130	105	60	170	155	125	75	194	175	145	85	210	190	165	100	235	215	185	185	276	245	220	136
-1	116	96	78	50	162	146	110	65	212	181	142	80	244	212	162	98	252	241	221	114	311	268	246	246	354	312	310	168
-2	134	105	85	55	191	155	115	70	248	203	156	90	265	246	181	108	271	267	245	126	338	282	266	266	368	321	281	197

Ø22 mm FLAT DRIP IRRIGATION PIPES LATERAL LENGHTS (@ 10% flow difference and 1 bar pressure)

SLOPE %	20 cm				30 cm				40 cm				50 cm				60 cm				75 cm				100 cm			
	flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour				flow / liter / hour			
	1,2	1,6	2,2	3,2	1,2	1,6	2,2	1,2	1,6	2,2	3,2	1,2	1,6	2,2	1,2	1,6	2,2	3,2	1,2	1,6	2,2	3,2	1,2	1,6	2,2	3,2	1,2	1,6
2	87	85	81	46	104	95	93	52	112	103	100	57	114	108	105	59	125	112	110	62	133	116	114	64	144	125	121	69
1	124	111	99	58	142	135	125	72	163	151	141	81	186	166	154	89	198	175	162	94	212	189	174	101	237	204	193	110
0	181	143	123	73	236	185	161	96	268	212	196	113	323	265	225	135	377	302	254	153	403	354	286	176	472	425	334	208
-1	211	175	141	87	281	245	192	120	347	295	238	146	417	353	281	174	493	398	328	200	512	450	380	229	569	530	454	272
-2	252	190	160	96	327	280	220	137	39	350	283	174	229	185	141	89	214	174	155	91	192	161	142	84	172	148	130	77

ROUND DRIP LINES - AX200



AX200 TECHNICAL DETAILS						
DIAMETER	WALL THICKNESS		INSIDE DIAMETER	COIL LENGHT	MAX. WORKING PRESSURE	MAX. FLUSHING PRESSURE
mm	mil	mm	mm	m	bar	bar
16	35	0,9	14,2	400	3,9	3,9
	40	1,0	14,0	400	4,0	4,6
20	35	0,9	18,2	300	3,9	3,9
	40	1	18,0	300	4,0	4,6
	45	1,2	17,6	300	4,0	5,2

Filtration requirements: 130 microns / 120 mesh

Ø16 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT									
TERRAIN FLOW RATE	SPACING (METERS)								
1/h	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
2,0	52	75	90	105	113	120	130	137	145
4,0	35	50	57	63	70	75	82	90	100

Ø20 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT									
TERRAIN FLOW RATE	SPACING (METERS)								
1/h	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
2,0	80	100	135	175	185	210	230	250	275
4,0	53	62	71	102	108	115	122	130	140

ROUND PIPES - K600



K600		TECHNICAL DETAILS				
NOMINAL DIAMETER	WALL THICKNESS		INSIDE DIAMETER	COIL LENGHT	MAX. WORKING PRESSURE	MAX. FLUSHING PRESSURE
mm	mil	mm	mm	m	bar	bar
16	35	0,9	14,2	400	3,9	3,9
	40	1,0	14,0	400	4,0	4,6
	43	1,1	14,8	400	4,0	5,2
	45	1,2	13,6	400	4,0	5,2
20	40	1,0	18,0	300	3,9	3,9
	43	1,1	17,8	300	4,0	4,6
	45	1,2	17,6	300	4,5	4,6
	57	1,5	17,0	300	4,5	5,2
25	57	1,5	22,0	250	4,5	5,2

LOCK TYPE FITTINGS



**LOCK TYPE
COUPLING**

DIAMETER
mm
16 x 16
20 x 16
20 x 20
25 x 25
32 x 32



**LOCK TYPE
MINI VALVE**

DIAMETER
mm
16 x 16
16 x 20
20 x 20
25 x 20
25 x 25
32 x 32



**LOCK TYPE
END CAP**

DIAMETER
mm
16
20
25
32



**LOCK TYPE
MINI VALVE MALE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"
25 x 1/2"
25 x 3/4"
25 x 1"



**LOCK TYPE
ADAPTOR MALE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"
20 x 1"
25 x 1/2"
25 x 3/4"
25 x 1"



**LOCK TYPE
ELBOW**

DIAMETER
mm
16 x 16
20 x 16
20 x 20
25 x 25
32 x 32



**LOCK TYPE
OFFTAKE CONNECTOR**

DIAMETER
mm
20 x 16
20 x 20



**LOCK TYPE
TEE**

DIAMETER
mm
16 x 16 x 16
16 x 20 x 16
20 x 16 x 20
20 x 20 x 20
25 x 25 x 25
32 x 32 x 32



**LOCK TYPE
ELBOW MALE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"
20 x 1"
25 x 1/2"
25 x 3/4"
25 x 1"
32 x 1/2"
32 x 3/4"
32 x 1"



DRIPLINE BARBED FITTINGS



**BARBED
NIPPLE**

DIAMETER
mm
16 x 16
20 x 16
20 x 20



**BARBED
NIPPLE MALE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"
25 x 3/4"
25 x 1"
32 x 1"



**BARBED
GROMMET NIPPLE**

DIAMETER
mm
16 x 16
20 x 16
20 x 20



**BARBED
END CAP**

DIAMETER
mm
16
20



**BARBED
TEE**

DIAMETER
mm
16 x 16 x 16
16 x 20 x 16
20 x 16 x 20
20 x 20 x 20



**BARBED
GROMMET TEE**

DIAMETER
mm
16 x 16
20 x 16
20 x 20



**BARBED
TEE MALE**

DIAMETER
mm / inch / mm
16 x 1/2" x 16
16 x 3/4" x 16
20 x 1/2" x 20
20 x 3/4" x 20
20 x 1" x 20



**BARBED
ELBOW**

DIAMETER
mm / inch
16 x 16
20 x 20



**BARBED
ELBOW MALE**

DIAMETER
mm
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"



**BARBED MULTICOUPLING
NIPPLE (2-V)**

DIAMETER
mm / inch
2 / 16 x 1"
2 / 20 x 1"



**BARBED
MULTICOUPLING NIPPLE (4-X)**

DIAMETER
mm / inch
4 / 16 x 1"
4 / 20 x 1"



**FOLDING HOSE
CONNECTOR END PLUG**

DIAMETER
mm
16
20



**DRIPLINE
PIPE STAKE**

DIAMETER
mm
16 x 150
16 x 225
20 x 150
20 x 225
20 x 330



**BARBED GROMMET
GASKET**

DIAMETER
mm
16
20
25

DRIP TAPE FITTINGS WITH RING



**TAPE WITH RING
NIPPLE**

DIAMETER
mm
17 x 17
22 x 22



**TAPE WITH RING
END CAP**

DIAMETER
mm
17
22



**TAPE WITH RING
GROMMET NIPPLE**

DIAMETER
mm
17 x 16
22 x 20



**TAPE WITH RING
NIPPLE MALE**

DIAMETER
mm / inch
17 x 1/2"
22 x 3/4"



**TAPE WITH RING
ELBOW**

DIAMETER
mm
17 x 17
22 x 22



**TAPE WITH RING
ELBOW MALE**

DIAMETER
mm / inch
17 x 1/2"
17 x 3/4"
22 x 1/2"
22 x 3/4"



**TAPE WITH RING
TEE MALE**

DIAMETER
mm / inch / mm
17 x 1/2" x 17
17 x 3/4" x 17
22 x 1/2" x 22
22 x 3/4" x 22



**TAPE WITH RING
BARBED NIPPLE**

DIAMETER
mm
17 x 16
22 x 20



**TAPE WITH RING
MULTICOUPLING NIPPLE (2-V)**

DIAMETER
mm / inch
2 / 17 x 1"
2 / 22 x 1"



**TAPE WITH RING
MULTICOUPLING NIPPLE (4-V)**

DIAMETER
mm / inch
4 / 17 x 1"



**TAPE WITH RING
MULTICOUPLING NIPPLE (4-X)**

DIAMETER
mm / inch
4 / 17 x 1"



DRIP IRRIGATION WITH NUT



**DRIPLINE
NIPPLE**

DIAMETER
mm
16 x 16
20 x 20



**DRIPLINE
TEE**

DIAMETER
mm
16 x 16 x 16
20 x 16 x 20
20 x 20 x 20



**DRIPLINE
END CAP**

DIAMETER
mm
16
20



**DRIPLINE
TEE MALE**

DIAMETER
mm / inch / mm
16 x 1/2" x 16
16 x 3/4" x 16
20 x 1/2" x 20
20 x 3/4" x 20
20 x 1" x 20



**DRIPLINE
GROMMET NIPPLE**

DIAMETER
mm
16 x 16
20 x 16
20 x 20



**DRIPLINE MULTICOUPLING
NIPPLE (2-V)**

DIAMETER
mm
2 / 16 x 1"
2 / 20 x 1"



**DRIPLINE
NIPPLE MALE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"



**DRIPLINE MULTICOUPLING
NIPPLE (2-I)**

DIAMETER
mm
2 / 16 x 1"
2 / 20 x 1"



**DRIPLINE
ELBOW**

DIAMETER
mm
16 x 16
20 x 20



**DRIPLINE MULTICOUPLING
NIPPLE (4-X)**

DIAMETER
mm / inch
4 / 16 x 1"
4 / 20 x 1"



**DRIPLINE
ELBOW MALE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"



MINI VALVES



**BARBED
MINI VALVE**

DIAMETER
mm
16 x 16
20 x 16
20 x 20



**WITH RING MALE
MINI VALVE**

DIAMETER
mm / inch
17 x 1/2"
17 x 3/4"
22 x 1/2"
22 x 3/4"



**OFFTAKE BARBED
MINI VALVE**

DIAMETER
mm
16 x 16
20 x 20



**MINI VALVE
WITH NUT**

DIAMETER
mm
17 x 17



**BARBED MALE
MINI VALVE**

DIAMETER
mm / inch
16 x 1/2"
16 x 3/4"
20 x 1/2"
20 x 3/4"



**BARBED MINI VALVE
WITH NUT**

DIAMETER
mm
16 x 17
20 x 17



**OFFTAKE MINI VALVE
WITH NUT**

DIAMETER
mm
16 x 17
20 x 17
20 x 22



**WITH NUT MALE
MINI VALVE**

DIAMETER
mm / inch
17 x 1/2"
17 x 3/4"



**LAY FLAT MINI VALVE
WITH NUT**

DIAMETER
mm / inch
17



ONLINE DRIPPERS

ADJUSTABLE DRIPPERS



DIAMETER
l/h
0 - 70
0 - 100
0 - 150

ADJUSTABLE ILGAZ DRIPPER



DIAMETER
l/h
0 - 100

KATIF PC DRIPPER



DIAMETER
l/h
2,30
3,75
8,40

DRIPPER SET



60 sm
l/h
2
3
4
8

PC DRIPPERS



DIAMETER
l/h
2
4
8
12
16

PC DRIPPERS



DIAMETER
l/h
2
4
8
12
16
24

PC DRIPPERS



DIAMETER
l/h
2,20
3,85
7,80
12,00
25,00

