



STREAMLINE™ X

INTEGRAL DRIPPER

12060 - 12080 - 16050 - 16060 - 16080 - 22060 - 22070 - 22080

TECHNICAL INFORMATION

- Streamline™ X incorporate a reinforcing internal and external ribs that enhance the dripperline robustness that help to protect the pipe from damages.
- Recommended filtration: 130 micron / 120 mesh.
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed before the main filter. When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- TurboNet™ labyrinth with large water passage.
- To be "welded" into a thin-walled dripperlines (0.13, 0.15, 0.18, 0.20 mm).
- Injected dripper, very low CV.
- UV resistant. Resistant to standard nutrients used in agricultural.
- Available in standard hole or flap outlet (flat outlet not available with 2.2 l/h and 2.8 l/h drippers).
- Streamline™ X dripperlines meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

DRIPPERS TECHNICAL DATA

0.13, 0.15, 0.18 mm wall thickness dripperlines

FLOW RATE* (L/H)	MAX. WORKING PRESSURE** (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.80	0.8/0.9/1.0/1.6	0.59 x 0.33 x 25	12	0.265	0.48	130/120
1.10		0.51 x 0.44 x 13	14	0.392	0.45	130/120
1.60		0.65 x 0.55 x 13	15	0.568	0.45	130/120
2.20		0.72 x 0.65 x 13	15	0.780	0.45	130/120
2.80		0.84 x 0.73 x 13	15	0.993	0.45	200/80

* Flow rate at 1.0 bar pressure **According to dripperlines wall thicknesses and inside diameters

FLOW RATE (L/H) VS. PRESSURE (BAR)

0.13, 0.15, 0.18 mm wall thickness dripperlines

FLOW RATE* (L/H)	PRESSURE (BAR)										
	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4
0.80	0.45	0.52	0.57	0.63	0.67	0.72	0.76	0.80	0.84	0.87	0.94
1.10	0.64	0.73	0.81	0.88	0.94	1.00	1.05	1.10	1.15	1.20	1.29
1.60	0.93	1.06	1.17	1.27	1.36	1.45	1.53	1.60	1.67	1.74	1.86
2.20	1.28	1.46	1.61	1.75	1.87	1.99	2.10	2.20	2.29	2.39	2.56
2.80	1.85	2.05	2.22	2.38	2.53	2.67	2.80	2.92	3.04	3.26	

*Nominal flow rate at 1.0 bar pressure

DRIPPERS TECHNICAL DATA

0.20 mm wall thickness dripperlines

FLOW RATE* (L/H)	MAX. WORKING PRESSURE** (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.72	1.0/1.2/1.9	0.59 x 0.33 x 25	12	0.238	0.48	130/120
1.05		0.51 x 0.44 x 13	14	0.373	0.45	130/120
1.60		0.65 x 0.55 x 13	15	0.568	0.45	130/120
2.20		0.72 x 0.65 x 13	15	0.780	0.45	130/120
2.80		0.84 x 0.73 x 13	15	0.993	0.45	200/80

* Flow rate at 1.0 bar **According to dripperlines inside diameter

FLOW RATE (L/H) VS. PRESSURE (BAR)

0.20 mm wall thickness dripperlines

FLOW RATE* (L/H)	PRESSURE (BAR)										
	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.3	1.5	1.7
0.72	0.40	0.46	0.52	0.56	0.61	0.65	0.72	0.75	0.82	0.87	0.93
1.05	0.61	0.70	0.77	0.84	0.90	0.95	1.05	1.10	1.18	1.26	1.33
1.60	0.93	1.06	1.17	1.27	1.36	1.45	1.60	1.67	1.80	1.92	2.03
2.20	1.28	1.46	1.61	1.75	1.87	1.99	2.20	2.29	2.47	2.64	2.79
2.80	1.85	2.05	2.22	2.38	2.53	2.67	2.80	2.92	3.15	3.36	3.55

*Nominal flow rate at 1.0 bar pressure

DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)*	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
12060	11.80	0.15	12.10	1.6	1.8	0.15
12080	11.80	0.20	12.20	1.9	2.2	0.15
16050	16.20	0.13	16.48	0.9	1.0	0.10
16060	16.20	0.15	16.50	1.0	1.2	0.10
16080	16.20	0.20	16.60	1.2	1.4	0.10
22060	22.20	0.15	22.50	0.8	0.9	0.01
22070	22.20	0.18	22.56	0.9	1.0	0.01
22080	22.20	0.20	22.60	1.0	1.2	0.01

*Nominal wall thickness definition is related to the pipe core and not to the ribs (where is thicker)

DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

MODEL	WALL THICKNESS (MM)	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (M)	AVERAGE* COIL WEIGHT (KG)	COILS PER PALLET (UNITS)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
12060	0.15	3500	0.15 to 0.25	22.1	16	640	2240000
		3500	0.30 to 1.00	21.2			2240000
12080	0.20	2800	0.15	24.0			1792000
		3000	0.20 to 0.25	24.5			1920000
		3000	0.30 to 1.00	23.8			1920000
16050	0.13	3200	0.15 to 0.25	24.5			2048000
		3600	0.30 to 1.00	25.6			2240000
16060	0.15	2600	0.15 to 0.25	21.5			1664000
		3000	0.30 to 1.00	24.0			1920000
16080	0.20	2200	0.15 to 0.25	23.7			1408000
		2500	0.30 to 1.00	26.3			1600000
22060	0.15	2200	0.15 to 0.25	23.5			1408000
		2400	0.30 to 1.00	26.0			1536000
22070	0.18	1800	0.15 to 0.25	23.7			1152000
		2000	0.30 to 1.00	25.8			1280000
22080	0.20	1600	0.15 to 0.25	23.6			1024000
		1800	0.30 to 1.00	25.6	1152000		

*According to drippers spacing

*All the above Streamline™ X dripperlines are packed on carton coils with 57 cm diameter and 24 cm spool width

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	57	69	78	85	90	95	98
	1%	64	82	96	108	118	127	135
FLAT TERRAIN	0	72	96	116	136	153	169	186
	-1%	79	109	136	162	187	211	234
DOWNHILL	-2%	86	122	155	189	221	253	286

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.10 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	51	65	74	82	89	95	98
	1%	56	73	86	98	109	118	126
FLAT TERRAIN	0	61	82	100	116	131	146	158
	-1%	65	89	110	131	151	169	188
DOWNHILL	-2%	70	97	123	148	172	197	221

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	42	54	63	70	76	82	86
	1%	45	59	70	81	89	98	105
FLAT TERRAIN	0	48	65	79	92	104	116	126
	-1%	51	69	85	101	115	130	143
DOWNHILL	-2%	53	74	93	111	129	146	163

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 2.20 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	35	45	54	60	66	71	76
	1%	37	49	59	68	75	83	89
FLAT TERRAIN	0	40	53	64	75	85	95	103
	-1%	41	56	68	81	92	104	114
DOWNHILL	-2%	43	59	74	88	101	114	127

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 2.80 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	28	37	44	50	55	60	63
	1%	30	40	48	55	61	67	73
FLAT TERRAIN	0	31	42	52	61	68	76	83
	-1%	33	45	55	65	74	83	92
DOWNHILL	-2%	34	47	58	69	80	90	99

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	59	72	81	88	93	97	100
	1%	68	86	101	114	124	134	142
FLAT TERRAIN	0	77	102	125	145	164	182	198
	-1%	86	118	147	176	203	229	255
DOWNHILL	-2%	94	132	170	206	242	279	315

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	53	66	76	84	90	96	100
	1%	58	75	89	101	111	120	130
FLAT TERRAIN	0	63	84	103	120	136	151	165
	-1%	67	92	114	136	156	176	195
DOWNHILL	-2%	72	101	128	154	179	205	230

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	42	54	63	70	76	82	86
	1%	45	59	70	81	89	98	105
FLAT TERRAIN	0	48	65	79	92	104	116	126
	-1%	51	69	85	101	115	130	143
DOWNHILL	-2%	53	74	93	111	129	146	163

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 2.20 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	35	45	54	60	66	71	76
	1%	37	49	59	68	75	83	89
FLAT TERRAIN	0	40	53	64	75	85	95	103
	-1%	41	56	68	81	92	104	114
DOWNHILL	-2%	43	59	74	88	101	114	127

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 2.80 L/H • INLET PRESSURE 1.2 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	28	37	44	50	55	60	63
	1%	30	40	48	55	61	67	73
FLAT TERRAIN	0	31	42	52	61	68	76	83
	-1%	33	45	55	65	74	83	92
DOWNHILL	-2%	34	47	58	69	80	90	99

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16050 • ID 16.2 MM • KD 0.10 • FLOW RATE 0.80 L/H • INLET PRESSURE 0.9 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	65	71	74	75	76	77	78
	1%	89	107	118	127	132	137	140
FLAT TERRAIN	0	122	162	197	229	259	286	313
	-1%	153	218	281	344	407	470	231
DOWNHILL	-2%	186	103	88	84	82	81	81

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16050 • ID 16.2 MM • KD 0.10 • FLOW RATE 1.10 L/H • INLET PRESSURE 0.9 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	65	74	79	82	84	85	86
	1%	82	101	115	125	134	140	146
FLAT TERRAIN	0	103	138	168	195	220	244	266
	-1%	121	170	218	264	309	354	399
DOWNHILL	-2%	142	208	276	98	92	90	88

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16050 • IID 16.2 MM • KD 0.10 • FLOW RATE 1.60 L/H • INLET PRESSURE 0.9 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	57	66	72	77	80	81	83
	1%	68	86	98	109	118	125	130
FLAT TERRAIN	0	82	108	132	154	174	193	210
	-1%	92	128	162	196	228	260	291
DOWNHILL	-2%	105	151	197	244	113	99	94

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16050 • ID 16.2 MM • KD 0.10 • FLOW RATE 2.20 L/H • INLET PRESSURE 0.9 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	50	59	66	72	74	78	79
	1%	58	73	85	95	104	111	117
FLAT TERRAIN	0	67	89	108	126	142	158	172
	-1%	74	102	128	153	177	201	225
DOWNHILL	-2%	82	116	150	184	218	252	118

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16050 • ID 16.2 MM • KD 0.10 • FLOW RATE 2.80 L/H • INLET PRESSURE 0.9 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	44	55	62	68	73	76	80
	1%	50	64	75	85	93	101	107
FLAT TERRAIN	0	55	74	90	104	118	131	142
	-1%	60	82	102	120	137	155	171
DOWNHILL	-2%	64	88	111	133	153	173	192

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16060 • ID 16.2 MM • KD 0.10 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	65	71	74	75	76	77	78
	1%	89	107	118	127	132	137	140
FLAT TERRAIN	0	122	162	197	229	259	286	313
	-1%	153	218	281	344	407	470	231
DOWNHILL	-2%	186	103	88	84	82	81	81

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16060 • ID 16.2 MM • KD 0.10 • FLOW RATE 1.10 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	65	74	79	82	84	85	86
	1%	82	101	115	125	134	140	146
FLAT TERRAIN	0	103	138	168	195	220	244	266
	-1%	121	170	218	264	309	354	399
DOWNHILL	-2%	142	208	276	98	92	90	88

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16060 • IID 16.2 MM • KD 0.10 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	57	66	72	77	80	81	83
	1%	68	86	98	109	118	125	130
FLAT TERRAIN	0	82	108	132	154	174	193	210
	-1%	92	128	162	196	228	260	291
DOWNHILL	-2%	105	151	197	244	113	99	94

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16060 • ID 16.2 MM • KD 0.10 • FLOW RATE 2.20 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	50	59	66	72	74	78	79
	1%	58	73	85	95	104	111	117
FLAT TERRAIN	0	67	89	108	126	142	158	172
	-1%	74	102	128	153	177	201	225
DOWNHILL	-2%	82	116	150	184	218	252	118

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16060 • ID 16.2 MM • KD 0.10 • FLOW RATE 2.80 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	44	55	62	68	73	76	80
	1%	50	64	75	85	93	101	107
FLAT TERRAIN	0	55	74	90	104	118	131	142
	-1%	60	82	102	120	137	155	171
DOWNHILL	-2%	64	88	111	133	153	173	192

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16080 • ID 16.2 MM • KD 0.10 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	76	85	89	92	94	95	95
	1%	101	122	137	148	157	163	168
FLAT TERRAIN	0	132	176	214	248	280	311	339
	-1%	162	228	292	356	418	481	544
DOWNHILL	-2%	192	284	120	110	106	104	102

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16080 • ID 16.2 MM • KD 0.10 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	73	85	93	98	101	104	105
	1%	90	112	128	142	152	161	168
FLAT TERRAIN	0	108	144	176	205	231	256	279
	-1%	124	173	219	264	308	351	394
DOWNHILL	-2%	142	205	268	333	128	119	114

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16080 • ID 16.2 MM • KD 0.10 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	62	74	82	89	93	97	98
	1%	72	91	106	119	129	138	146
FLAT TERRAIN	0	83	110	134	156	176	195	214
	-1%	91	126	159	190	220	250	279
DOWNHILL	-2%	102	145	187	229	271	313	150

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16080 • ID 16.2 MM • KD 0.10 • FLOW RATE 2.20 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	53	65	74	81	85	90	93
	1%	60	77	90	102	112	120	128
FLAT TERRAIN	0	68	90	110	128	144	160	174
	-1%	73	101	126	150	173	195	218
DOWNHILL	-2%	80	113	144	175	205	236	266

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 16080 • ID 16.2 MM • KD 0.10 • FLOW RATE 2.80 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	44	55	62	68	73	76	80
	1%	50	64	75	85	93	101	107
FLAT TERRAIN	0	55	74	90	104	118	131	142
	-1%	60	82	102	120	137	155	171
DOWNHILL	-2%	64	88	111	133	153	173	192

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22060-22070 • ID 22.2 MM • KD 0.01 • FLOW RATE 0.80 L/H • INLET PRESSURE 0.8 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	75	77	78	78	78	78	78
	1%	125	137	144	148	150	151	153
FLAT TERRAIN	0	224	291	350	405	455	502	546
	-1%	334	482	189	175	169	165	163
DOWNHILL	-2%	85	81	80	80	79	79	79

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22060-22070 • ID 22.2 MM • KD 0.01 • FLOW RATE 1.10 L/H • INLET PRESSURE 0.8 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	81	85	87	88	89	89	90
	1%	123	141	151	158	163	167	169
FLAT TERRAIN	0	190	247	298	344	387	427	465
	-1%	256	363	469	235	197	187	182
DOWNHILL	-2%	100	89	86	86	85	84	84

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22060-22070 • ID 22.2 MM • KD 0.01 • FLOW RATE 1.60 L/H • INLET PRESSURE 0.8 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	76	82	84	87	87	88	89
	1%	107	125	138	146	152	157	161
FLAT TERRAIN	0	150	195	235	272	305	337	367
	-1%	190	266	339	412	486	561	207
DOWNHILL	-2%	237	98	90	88	86	85	85

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22060-22070 • ID 22.2 MM • KD 0.01 • FLOW RATE 2.20 L/H • INLET PRESSURE 0.8 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	70	77	82	84	85	86	87
	1%	93	111	124	134	142	147	152
FLAT TERRAIN	0	123	160	192	222	250	275	301
	-1%	149	206	260	314	367	420	474
DOWNHILL	-2%	179	259	99	92	89	88	86

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22060-22070 • ID 22.2 MM • KD 0.01 • FLOW RATE 2.80 L/H • INLET PRESSURE 0.8 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	60	67	70	73	74	76	77
	1%	77	93	105	114	121	126	130
FLAT TERRAIN	0	99	130	157	181	204	225	246
	-1%	117	159	198	234	269	304	337
DOWNHILL	-2%	130	180	124	116	103	99	96

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	75	77	78	78	79	78	78
	1%	128	140	145	149	151	153	154
FLAT TERRAIN	0	239	311	375	433	487	538	586
	-1%	367	243	180	171	166	164	162
DOWNHILL	-2%	83	81	80	80	79	79	78

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	82	86	87	88	89	90	90
	1%	126	142	152	160	164	167	170
FLAT TERRAIN	0	196	255	308	355	399	440	481
	-1%	267	379	491	218	193	185	180
DOWNHILL	-2%	98	89	86	85	85	84	84

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	76	82	84	87	87	88	89
	1%	107	125	138	146	152	157	161
FLAT TERRAIN	0	150	195	235	272	305	337	367
	-1%	190	266	339	412	486	561	207
DOWNHILL	-2%	237	98	90	88	86	85	85

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 2.10 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	70	77	82	84	85	86	87
	1%	93	111	124	134	142	147	152
FLAT TERRAIN	0	123	160	192	222	250	275	301
	-1%	149	206	260	314	367	420	474
DOWNHILL	-2%	179	259	99	92	89	88	86

MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ X • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 2.80 L/H • INLET PRESSURE 1.0 BAR

		DISTANCE BETWEEN DRIPPERS (METER)						
SLOPE		0.20	0.30	0.40	0.50	0.60	0.70	0.80
UPHILL	2%	60	67	70	73	74	76	77
	1%	77	93	105	114	121	126	130
FLAT TERRAIN	0	99	130	157	181	204	225	246
	-1%	117	159	198	234	269	304	337
DOWNHILL	-2%	130	180	124	116	103	99	96