



STREAMLINE™

INTEGRAL DRIPPER



29080 - 29100 - 29125

APPLICATIONS

Row crops irrigation.

SPECIFICATIONS

- 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 filter 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 thin-walled dripperliners (0.20, 0.25, and 0.31 mm).
- Injected dripper, very low CV.
- UV resistant. Resistant to standard nutrients used in agriculture.
- Streamline™ drippers meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

FEATURES & BENEFITS

- Wide filtration area to ensure optimal performance.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance.
- The water is drawn into the dripper from the stream centre, preventing the entrance of sediments into the drippers.
- Injection moulded dripper construction, ensuring uniform drippers and very low CV.

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DRIPPERS TECHNICAL DATA

29080, 29100, 29125 – 0.20MM, 0.25MM AND 0.31MM WALL THICKNESS DRIPPERLINES

FLOW RATE*	MAXIMUM WORKING PRESSURE **	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH	FILTRATION AREA	CONSTANT	EXPONENT	RECOMMENDED FILTRATION
L/HR	BAR	MM	MM ²	K	X	MICRON/MESH
0.72	0.7 / 0.8 / 1.0	0.58 x 0.33 x 25	14	0.238	0.48	130/120
1.05		0.51 x 0.42 x 13	15	0.373	0.45	
1.60		0.66 x 0.55 x 13	17	0.568	0.45	

*Flow rate at 1.0 Bar pressure. **According to dripperline Wall Thickness.

DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER	WALL THICKNESS	OUTSIDE DIAMETER	MAXIMUM WORKING PRESSURE	MAXIMUM FLUSHING PRESSURE	KD
	MM	MM	MM	BAR	BAR	
29080	28.6	0.20	29.00	0.6	0.7	0.01
29100		0.25	29.10	0.7	0.8	
29125		0.31	29.22	0.9	1.0	

DRIPPERLINES PACKAGE DATA (ON CARTON REELS)

MODEL	WALL THICKNESS	COIL LENGTH	AVERAGE COIL WEIGHT	DISTANCE BETWEEN DRIPPERS	COILS PER PALLET	COILS IN A 40 FT CONTAINER	TOTAL IN A 40 FT CONTAINER				
	MM	M	KG	M			M				
29080	0.20	1400	27.3	0.20	16	640	896000				
29080		1400	26.9	0.25			896000				
29080		1500	28.5	0.30			960000				
29100	0.25	1100	26.4	0.20			16	640	704000		
29100		1200	28.2	0.30					768000		
29100		1200	28.0	0.40					768000		
29125	0.31	800	24.1	0.20					16	640	512000
29125		900	26.6	0.30							576000
29125		900	26.4	0.40							576000

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FLOW RATE (L/HR) VS PRESSURE (BAR)

29080, 29100 & 29125 - 0.20MM, 0.25MM & 0.31MM WALL THICKNESS DRIPPERLINES

FLOW RATE* (L/HR)	PRESSURE							
	0.30 BAR	0.40 BAR	0.50 BAR	0.55 BAR**	0.60 BAR	0.70 BAR	0.80 BAR	0.90 BAR
0.72	0.40	0.46	0.52	0.54	0.56	0.61	0.65	0.68
1.05	0.61	0.70	0.77	0.80	0.84	0.90	0.95	1.00
1.60	0.93	1.06	1.17	1.22	1.27	1.36	1.45	1.53

*Nominal Flow Rate at 1.0 Bar pressure ** Competitors nominal pressure

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

Streamline™ • 29080 • ID 28.6 mm • KD 0.01

Inlet pressure 0.6 bar for uphill or flat ground

Inlet pressure must be less for downhill so as not to exceed 0.6 bar at low point

FLOW RATE L/HR	SLOPE		DISTANCE BETWEEN EMITTERS				
	TERRAIN	PERCENTAGE	0.20M	0.30M	0.40M	0.50M	0.60M
0.72	Uphill	2%	58	59	59	59	59
	Uphill	1%	113	115	116	117	117
	Flat terrain	0	363	472	569	658	739
	Downhill	-1%	125	121	120	119	119
	Downhill	-2%	59	59	59	59	59
1.05	Uphill	2%	61	62	62	62	62
	Uphill	1%	115	119	121	123	123
	Flat terrain	0	288	375	452	522	586
	Downhill	-1%	146	133	130	128	127
	Downhill	-2%	63	63	63	63	63
1.60	Uphill	2%	60	61	62	62	62
	Uphill	1%	107	118	118	120	121
	Flat terrain	0	220	286	345	399	448
	Downhill	-1%	308	147	136	132	130
	Downhill	-2%	65	63	63	63	63

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

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Inlet pressure 0.7 Bar for uphill or flat ground

Inlet pressure must be less for downhill so as not to exceed 0.7 Bar at low point

FLOW RATE	SLOPE		DISTANCE BETWEEN EMITTERS				
	TERRAIN	PERCENTAGE	0.20M	0.30M	0.40M	0.50M	0.60M
0.72	Uphill	2%	68	68	68	69	69
0.72	Uphill	1%	129	133	135	136	136
0.72	Flat terrain	0	366	479	574	663	746
0.72	Downhill	-1%	151	143	141	140	139
0.72	Downhill	-2%	69	69	69	69	69
1.05	Uphill	2%	71	72	72	73	73
1.05	Uphill	1%	129	136	140	142	143
1.05	Flat terrain	0	291	379	457	528	593
1.05	Downhill	-1%	210	161	154	151	150
1.05	Downhill	-2%	75	74	73	73	73
1.60	Uphill	2%	70	71	72	72	72
1.60	Uphill	1%	119	129	135	138	140
1.60	Flat terrain	0	222	290	349	403	453
1.60	Downhill	-1%	302	215	167	158	154
1.60	Downhill	-2%	77	75	74	74	73

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

Streamline™ • 29125 • ID 28.6 mm • KD 0.01

Inlet pressure 0.9 Bar for uphill or flat ground

Inlet pressure must be less for downhill so as not to exceed 0.9 Bar at low point

FLOW RATE	SLOPE		DISTANCE BETWEEN EMITTERS				
	TERRAIN	PERCENTAGE	0.20M	0.30M	0.40M	0.50M	0.60M
0.72	Uphill	2%	87	87	88	88	88
0.72	Uphill	1%	159	167	171	173	174
0.72	Flat terrain	0	371	483	582	673	756
0.72	Downhill	-1%	226	192	186	183	181
0.72	Downhill	-2%	90	89	89	89	89
1.05	Uphill	2%	90	92	92	93	93
1.05	Uphill	1%	155	168	174	178	180
1.05	Flat terrain	0	296	386	465	538	604
1.05	Downhill	-1%	406	247	211	202	197
1.05	Downhill	-2%	99	96	95	95	94
1.60	Uphill	2%	87	90	91	92	93
1.60	Uphill	1%	138	155	164	170	174
1.60	Flat terrain	0	226	295	356	411	462
1.60	Downhill	-1%	295	403	506	228	211
1.60	Downhill	-2%	106	99	96	96	95

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