Drip line with no-drain dripper

100% virgin
made in italy

Series:
3616 - 3620 **PC AS ND**

- Made with 100% virgin raw materials
- Suitable for greenhouse application
- Resistant to UV, acid and common agricultural chemicals
- **no-drain**
  The emitter closes at 0.25 (bar) to avoid water emission at the end of the irrigation cycle and to reduce the dripline filling time to the next irrigation cycle. Suitable for looping irrigation.
- **self-cleaning**
  The anti-deposit silicone membrane and the large maze one guarantee the continuous cleaning of the dripper

Drip line specification

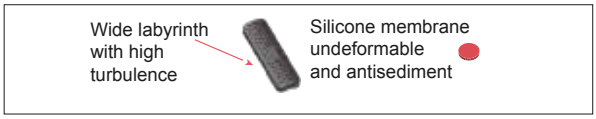
Nominal diameter	Inside diameter	Outside diameter	Wall thickness		Max pressure
	mm	mm	MIL	mm	Bar
16	13.80	15.60	36	0.90	3.50
		15.80	40	1.00	3.50
		16.00	44	1.10	4.00
		16.20	48	1.20	4.00
20	17.60	19.40	36	0.90	3.00
		19.60	40	1.00	3.50
		19.80	44	1.10	4.00
		20.00	48	1.20	4.00

irrigation

high frequency

Dripper specifications

Dripper flow rate : (l/h) **1.0 - 1.6 - 2.0 - 2.4 - 3.8**
Standard spacing : (cm) **10 - 15 - 20 - 25 - 30 - 33 - 40 - 50**
Special spacing : groups by request

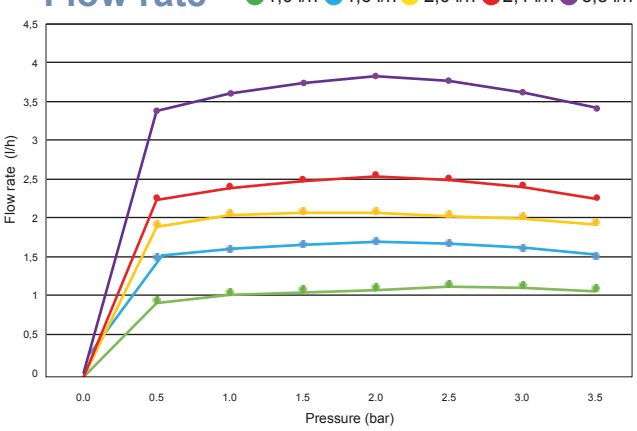


Dripper data

Nominal flow rate		**l/h**	**1,00**	**1,60**	**2,00**	**2,40**	**3,80**
Coefficient of variation CV		%	3,90	3,60	3,80	3,80	3,90
Costante K		bar	1,00	1,60	1,90	2,30	3,60
Exponent		X	0,0	0,0	0,0	0,0	0,0
Maximum working pressure		bar	4,0	4,0	4,0	4,0	4,0
Minimum working pressure		bar	0,5	0,5	0,5	0,5	0,5
Closing pressure*		bar	0,25	0,25	0,25	0,25	0,25
Dripper flow path	Depth	mm	0,76	0,85	0,88	0,90	0,90
	Widht	mm	0,82	1,06	1,08	1,19	1,30
	Length	mm	139	132	93,5	89,6	78,7
Filtration area		mm^2	37,37	37,37	37,37	37,37	37,37
Filtration degree		mesh	150	150	120	120	120
		micron	100	100	130	130	130

* only PC AS ND

Flow rate



Packaging and shipping

Inside diameter	**16**	**20**
reel (m)	500	300
pallet (reel)	small 10 80x160xh170 cm	small 10 80x160xh170 cm
	standard 12 80x160xh200 cm	standard 12 80x160xh200 cm
	*maxi 14 80x160xh230 cm	*maxi 14 80x160xh230 cm
truck	384	384
container 20'	160	160
container 40' HC	330	330

Fittings

PE starter hole 8 mm	5563	16
	5565	20
Coupling	5083	16 x 16
	5471	20 x 20

For other fittings see durafitting

The information contained in this catalog is purely indicative, Aster reserves the right to modify it at any time and in no case can it be held responsible for errors in the data contained in this document.

Maximum recommended length on flat terrain (m) - E.U. 90%

nominal diameter	inside diameter (mm)	flow rate (l/h)	spacing (cm) 10	15	20	25	30	33	40	50	60	75	80	90	100	pressure (bar)
16	13.80	1.0	67	95	120	144	167	180	208	246	281	332	347	377	406	1.5
			76	108	138	166	191	206	239	283	324	381	399	434	468	2.0
			91	129	164	197	228	246	285	338	386	455	476	518	558	3.0
		1.6	49	69	88	106	122	132	153	181	207	244	255	277	299	1.5
			56	80	101	122	141	151	176	208	238	281	294	319	344	2.0
			67	95	121	145	167	181	210	249	284	335	350	382	411	3.0
		2.0	46	65	82	98	112	121	140	165	188	221	231	251	271	1.5
			53	74	94	112	129	139	161	190	217	254	266	290	311	2.0
			63	88	112	134	154	166	192	227	259	304	318	346	372	3.0
		2.4	37	53	67	81	94	101	117	139	158	187	195	212	229	1.5
			43	61	77	93	108	116	135	160	182	215	225	245	264	2.0
			51	72	92	111	128	138	160	190	218	257	269	293	315	3.0
		3.8	28	39	50	60	70	75	87	103	118	139	146	158	171	1.5
			32	45	57	69	80	86	100	119	136	160	167	182	196	2.0
			38	54	68	82	95	103	119	141	162	191	199	217	234	3.0
20	17.60	1.0	97	139	178	214	248	268	313	372	427	504	529	576	621	1.5
			111	159	204	246	295	308	359	427	490	579	607	661	714	2.0
			131	189	242	292	339	366	427	508	584	690	724	788	851	3.0
		1.6	69	99	127	154	179	193	224	267	307	362	380	414	446	1.5
			80	114	146	177	205	221	258	307	353	416	437	476	514	2.0
			94	136	174	210	244	264	307	366	421	497	521	568	613	3.0
		2.0	66	93	119	143	165	178	206	245	280	330	346	376	405	1.5
			75	107	136	164	190	204	237	281	322	380	398	432	466	2.0
			89	127	162	195	226	243	283	335	384	452	474	516	556	3.0
		2.4	53	76	97	118	136	148	172	205	235	278	291	317	342	1.5
			61	87	112	135	157	169	198	235	270	320	334	364	394	2.0
			72	104	133	161	187	202	235	280	322	381	399	436	470	3.0
		3.8	39	56	72	87	101	110	128	152	175	206	216	236	255	1.5
			45	65	83	100	116	126	146	175	200	237	249	271	293	2.0
			53	77	98	119	138	149	174	208	239	283	297	323	349	3.0