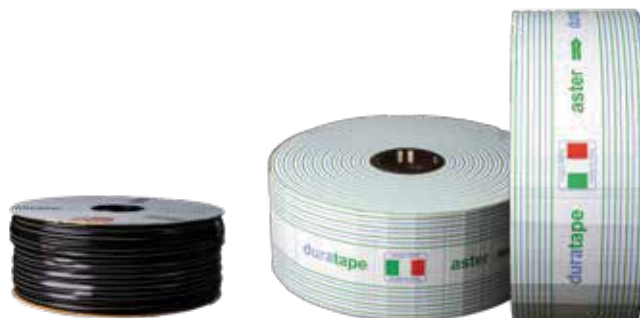


Drip tape with flat pressure compensating dripper



Series:

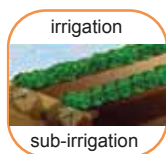
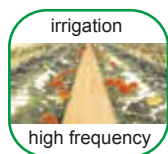
- 2316 - 2322 **PC**
- 2416 - 2422 **PC AS**
- 2516 - 2522 **PC AS ND**



- Made with 100% virgin raw materials
 - Suitable for multi-seasonal, sub-irrigation and greenhouse application
 - Resistant to UV, acid and common agricultural chemicals
- Dripper available in the following styles:
- **pressure-compensating PC**
It keeps the same flow rate at different pressures in all the dripline emitters. Suitable for projects on slope.
 - **anti-siphon PC AS**
It avoids the suction of debris during the dripline discharge. Suitable for sub-irrigation and soil laying projects.
Requires the installation of a double-acting vent valve on each sector.
 - **no-drain PC AS ND**
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.

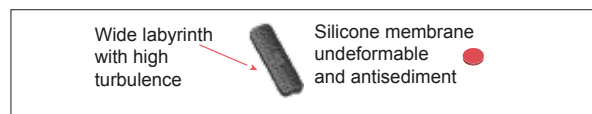
Drip tape specification

Nominal diameter	Inside diameter	Outside diameter	Wall thickness		Max pressure
	mm	mm	MIL	mm	
16	16.10	16.70	12	0.30	1.50
		16.86	15	0.38	1.80
		17.00	18	0.45	2.00
		17.30	24	0.60	2.50
		17.90	36	0.90	3.00
22	22.20	22.96	15	0.38	1.50
		23.10	18	0.45	1.80
		23.40	24	0.60	2.20
		24.00	36	0.90	2.80



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

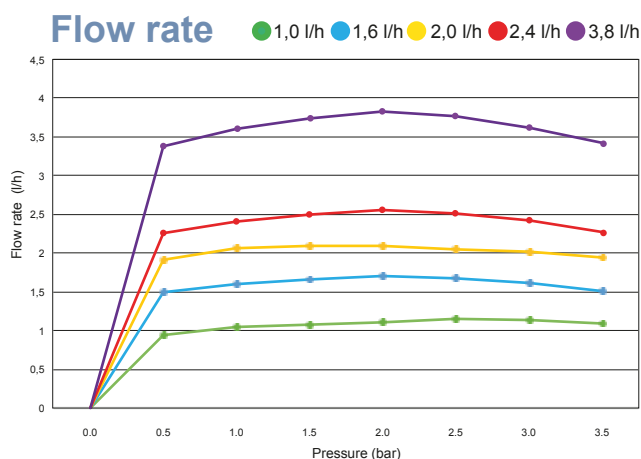


Dripper data

Nominal flow rate		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
	Width	mm	0,82	1,06	1,08	1,19
	Length	mm	139	132	93,5	89,6
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

bobbins 	1150 m Re. duratape PC 16/12 30cm purely indicative data
Pallet 	small 32 bobbins 114x114xh190 cm *maxi 40 bobbins 114x114xh252 cm
truck 	*22 pallets maxi 880 bobbins
container 	10 pallets small 320 bobbins
container 	*20 pallets maxi 800 bobbins

*only full load

Fittings

Derivation with grommet drill hole.: 10 mm		4657	17
Derivation with grommet drill hole: 16mm		4659	22
Male thread starter		4660	29
		4670	3/4" x 17
		4672	3/4" x 22
PE starter valve with grommet		4673	3/4" x 29
		4619	17
LAY FLAT starter valve		4618	22
		4613	17
Coupling		4612	22
		4661	17 x 17
		4662	22 x 22
		4663	29 x 29

For other fittings see durafittings

Maximum recommended length on flat terrain (m)

inside diameter (mm)	flow rate (l/h)	spacing (cm)													pressure (bar)
		10	15	20	25	30	33	40	50	60	75	80	90	100	
16.10	1.0	83	119	152	183	212	229	266	316	362	427	447	487	525	1.5
		96	137	175	210	244	263	306	363	416	491	514	561	604	2.0
		105	151	193	232	269	290	338	401	460	542	569	619	668	2.5
		114	162	208	250	290	313	364	433	497	586	614	669	721	3.0
	1.6	61	87	112	134	156	168	196	232	266	314	329	358	386	1.5
		70	100	128	154	179	193	225	267	306	361	378	412	444	2.0
		77	110	141	170	197	213	248	295	338	399	418	455	491	2.5
		83	119	152	184	213	230	268	318	365	431	451	491	530	3.0
	2.0	48	67	86	102	118	127	147	173	197	232	242	264	284	1.5
		55	78	98	118	135	146	169	199	227	267	279	303	327	2.0
		60	86	108	130	149	161	186	220	251	295	309	336	361	2.5
		65	92	117	140	161	174	201	238	271	319	334	363	390	3.0
	2.4	47	67	85	103	119	129	150	178	204	241	252	275	296	1.5
		54	77	98	118	137	148	172	205	235	277	290	316	341	2.0
		59	84	108	130	151	163	190	226	259	306	321	349	377	2.5
		64	91	117	141	163	176	205	244	280	330	346	377	407	3.0
	3.8	36	51	65	79	91	98	115	136	157	185	194	211	227	1.5
		41	59	75	90	105	113	132	157	180	212	222	242	261	2.0
		45	65	83	100	116	125	146	173	199	235	246	267	289	2.5
		49	70	89	108	125	135	157	187	214	254	266	289	312	3.0
22.20	1.0	132	191	246	298	347	375	439	525	604	716	752	821	887	1.5
		151	219	282	342	398	431	504	603	695	824	865	944	1020	2.0
		167	241	311	377	439	475	556	665	767	909	954	1042	1127	2.5
	1.6	97	140	180	218	254	275	322	385	444	527	553	603	652	1.5
		111	160	207	251	292	316	370	443	510	605	635	694	750	2.0
		122	177	228	276	322	349	408	488	563	668	702	766	829	2.5
	2.0	92	131	169	203	236	255	298	354	407	481	504	549	593	1.5
		105	151	193	233	271	293	342	407	467	553	579	632	682	2.0
		116	166	213	257	299	323	377	449	516	610	640	697	753	2.5
		125	179	230	278	323	349	407	485	557	659	691	753	814	3.0
	2.4	74	107	138	167	195	211	247	295	340	404	424	463	500	1.5
		85	123	158	192	224	242	284	339	391	464	487	532	575	2.0
		93	135	174	211	247	267	313	374	431	512	538	588	635	2.5
	3.8	57	82	105	128	149	161	189	226	260	309	325	355	383	1.5
		65	94	121	147	171	185	217	260	299	356	374	408	441	2.0
		71	103	133	162	189	204	240	287	331	393	412	451	487	2.5