

Caudal® Dripline PC700 AS Rootguard®

V1124

Anti-suction self-compensating drip irrigation

∅ 16 | 20 mm

1,1 | 1,6 | 2,2 | 3,8 l/h

✂ ∅ 16: 1,00 | 1,10 mm
∅ 20: 1,10 | 1,20 mm

Water.
People.
Future.

Caudal



TECHNICAL DATA OF THE BRANCH LINE

CAUDAL® Dripline PC700 AS Rootguard® Ø 16 y Ø 20

Model	Ø	✂	Pres. work max.	KD
	mm	mm		
NIAR70016100	13,8	1,0	3,5	0,57
NIAR70016110	13,8	1,1	4,0	0,57
NIAR70020110	17,4	1,1	3,5	0,26
NIAR70020120	17,4	1,2	4,0	0,26

DRIPPER TECHNICAL DATA

The Caudal® PC700 AS Rootguard® dripline complies with ISO 9261.

💧	Working pressure range dripper	Water passage dimensions width x depth x length	Filtration area	k*	x*	Recommended filtration
l/h	bar	mm	mm			(microns/mesh)
1,1	0,7 - 4,0	0,82 x 0,76 x 139	37,37	1,1	0,0	150/100
1,6	0,7 - 4,0	1,06 x 0,85 x 132	37,37	1,6	0,0	150/100
2,2	0,7 - 4,0	1,08 x 0,88 x 93,5	37,37	2,2	0,0	120/130
3,8	0,7 - 4,0	1,30 x 0,90 x 78,7	37,37	3,8	0,0	120/130

*Within the working pressure range of the dripper dropper.

MAXIMUM LENGTH OF BRANCH LINE

Minimum pressure in the last dripper of the branch: 0,7 bar.

Ground slope: 0 %.

CAUDAL® Dripline PC700 AS Rootguard® Ø16 y Ø20

Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
			20	30	33	40	50	60	75	100
Ø16 NIAR70016100 NIAR70016110	l/h	bar								
	1,1	2,0	109	154	166	194	231	265	313	386
		3,0	135	190	205	240	286	329	389	480
		4,0	153	216	234	274	326	376	444	549
	1,6	2,0	85	120	130	152	181	208	246	304
		3,0	105	149	161	188	224	258	305	377
		4,0	120	169	183	214	256	295	349	431
	2,2	2,0	69	98	106	123	147	169	200	247
		3,0	85	121	131	153	182	210	249	307
		4,0	97	137	149	174	208	240	284	351
	3,8	2,0	48	68	74	86	103	119	141	174
		3,0	59	84	91	107	128	147	174	216
		4,0	68	96	104	122	146	168	199	247

Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
			20	30	33	40	50	60	75	100
Ø20 NIAR70020110 NIAR70020120	l/h	bar								
	1,1	2,0	179	248	267	309	364	416	487	595
		3,0	222	307	330	382	452	516	606	741
		4,0	252	350	377	437	516	590	692	847
	1,6	2,0	140	194	209	242	286	327	383	468
		3,0	173	240	259	300	355	405	476	582
		4,0	198	274	295	342	405	463	544	666
	2,2	2,0	114	158	170	197	233	266	312	382
		3,0	141	195	210	244	289	330	388	475
		4,0	160	223	240	278	329	377	443	543
	3,8	2,0	80	110	119	138	163	187	219	269
		3,0	98	137	147	171	202	232	272	334
		4,0	112	156	168	195	231	265	311	382

LOGISTICAL DATA

Ø	><		⊙	📦 ¹	⊙	⊙	Height	20	40	40 hcpw	🚚	🚚
	mm	mil										
16	1,0	40	400	18,00	0,75	0,40	0,30	189	378	486	297	552
	1,1	44	400	20,00	0,75	0,40	0,30					
20	1,1	44	300	18,30	0,85	0,50	0,30	112	224	288	180	480
	1,2	48	300	20,10	0,85	0,50	0,30					

Approximate dimensions. Theoretical calculation.

*Theoretical weight of the coil without drippers.

SOME APPLICATIONS:



Pistachio



Olive



Vineyard



Gardens



Almond



Aromatics



HANDLING OF THE PRODUCT:

- Do not expose to sunlight.
- Store in a cool place, avoiding high temperatures.
- It is recommended to install the product within 6/8 weeks from the date of receipt.
- Handle with gloves. The product should be handled at all times with protected hands, skin irritation may occur during prolonged contact with the chemical compound.
- Maintain adequate ventilation in the place where the product is stored.

ROOTGUARD PROTECTION

Rootguard® configuration provides additional protection against root infiltration in subsurface drip irrigation (RGS). Prolonged and controlled release of the minimum effective dose of active ingredient (Pendimethalin**).

*ROOTGUARD® is a registered trademark of All Innovations BV.

**Active ingredient approved by European legislation

GUARANTEE

The warranty for our products is limited exclusively to the replacement of defective material, if recognised as such, as far as its manufacture is concerned. The warranty shall not apply if the damage to the product has been caused by improper handling, incorrect installation or improper treatment. Likewise, the guarantee shall not be valid in cases where the material is installed or put into operation for a use other than that for which it was manufactured or designed. Damage and defects caused by external agents such as animals, weather, poor filtering of the installation, clogging of drippers, overpressure, use of aggressive chemical agents, etc. are excluded from this guarantee. The guarantee of our products has a duration of three years from the day of delivery of the material, and claims will only be accepted during these three years of validity.

Rootguard® products are covered by an exceptional warranty, which specifically covers the replacement of materials in the event of malfunctions resulting from the insertion of roots inside the dripper. This warranty is valid for a period of ten years, starting from the date of receipt of the equipment, and any claim must be submitted within this period. It is important to note that this warranty applies exclusively to Rootguard® products. In conclusion, the provision of the Rootguard® warranty is a testimony to the quality and durability of the product.

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The logo for Caudal, featuring the word "Caudal" in a bold, teal, sans-serif font.

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