

Caudal® Dripline S500

Thin thickness

V1124

Non-PC drip irrigation

∅ 16 | 22 mm

1,0 | 1,6 | 2,0 | 4,0 | 7,0 l/h

✂ ∅ 16: 0,20 | 0,25 | 0,30 | 0,38 mm
∅ 20: 0,20 | 0,25 | 0,30 | 0,38 mm

Water.
People.
Future.

Caudal



ANTI
CRACKING


TECHNICAL DATA OF THE BRANCH LINE

CAUDAL® Dripline S500 Thin thickness | Ø 16 y Ø 22

Model	Ø	✂	Pres. work max.	KD
	mm	mm		
NBS050016020	16	0,20	1,2	0,18
NBS050016025	16	0,25	1,6	0,18
NBS050016030	16	0,30	1,8	0,18
NBS050016038	16	0,38	2,0	0,18
NBS050022020	22	0,20	1,2	0,03
NBS050022025	22	0,25	1,6	0,03
NBS050022030	22	0,30	1,8	0,03
NBS050022038	22	0,38	2,0	0,03

DRIPPER TECHNICAL DATA

Caudal® S500 Thin Thickness pipe complies with ISO 9261.


 l/h	k	x*	Recommended filtration
			(microns/mesh)
1,0	0,39	0,42	120/130
1,6	0,57	0,45	120/130
2,0	0,68	0,47	120/130
4,0	1,30	0,49	120/130
7,0	2,80	0,40	120/130

*Nominal flow at 1 bar

MAXIMUM LENGTH OF BRANCH LINE

The maximum lateral length is calculated considering a flow variation of 10 %.


CAUDAL® Dripline S500 Thin Thickness | Ø16

Model	 l/h	Inlet Pressure bar	QMax l/h	Maximum length (m)						
				Dripper spacing (cm)						
				10	15	20	30	33	40	50
NBS050016020 NBS050016025 NBS050016030 NBS050016038	1,0	1,0	1,0	55	77	96	130	139	159	186
		1,5	1,2	57	79	99	134	144	165	194
	1,6	1,0	1,6	40	56	70	95	102	117	136
		1,5	1,9	41	57	72	97	104	120	141
	2,0	1,0	2,0	34	48	60	81	87	100	117
		1,5	2,4	35	49	61	83	89	103	120
	4,0	1,0	4,0	21	30	37	51	54	63	73
		1,5	4,9	21	30	38	52	55	64	75
	7,0	1,0	7,0	16	22	28	38	40	47	55
		1,5	8,3	16	23	29	39	42	48	57


MAXIMUM LENGTH OF BRANCH LINE

The maximum lateral length is calculated considering a flow variation of 10 %.

CAUDAL® Dripline S500 Thin Thickness | Ø 22

Model		Inlet Pressure	QMax	Maximum length (m)						
				Dripper spacing (cm)						
				10	15	20	30	33	40	50
NBS055022020 NBS050022025 NBS050022030 NBS050022038	1,0	1,0	1,0	114	151	184	242	258	293	339
		1,5	1,2	118	157	191	252	268	304	352
	1,6	1,0	1,6	83	111	135	177	189	214	248
		1,5	1,9	85	114	139	183	195	221	256
	2,0	1,0	2,0	71	95	116	153	163	185	214
		1,5	2,4	73	98	119	157	167	190	220
	4,0	1,0	4,0	44	59	73	96	102	116	134
		1,5	4,9	45	60	74	97	104	118	137
	7,0	1,0	7,0	33	44	54	71	76	86	100
		1,5	8,3	34	46	56	74	79	90	105

LOGISTICAL DATA

Ø						Height	N.° ROLLS/ PALLET					
mm	mm	mil	m	kg	m	m			hcpw			
16	0,20	8	2300 - 3000	23 - 30	0,56	0,25	24	320	640	720	288	576
	0,25	10	2000 - 2500	24 - 30	0,56	0,25						
	0,30	12	1800 - 2000	27 - 30	0,56	0,25						
	0,38	15	1200	22,8	0,56	0,25						
22	0,20	8	1800 - 2200	25,2 - 28	0,56	0,25	24	320	640	720	288	576
	0,25	10	1800	31	0,56	0,25						
	0,30	12	1500	32	0,56	0,25						
	0,38	15	1000	26	0,56	0,25						

Approximate dimensions. Theoretical calculation.

*Theoretical weight of the coil without drippers.

SOME APPLICATIONS:



Pepper



Artichoke



Tomato



Surface support in RGS



Strawberry



Lettuce



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.

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