

AZUD | PRO

- + PE heavywall thickness dripline with integrated non-pressure-compensating flat dripper for the precise and efficient water and chemical solutions supply in mining.
- ✔ Ideal solution to ensure the extraction of precious metals and other mineral compounds in heap leaching.

+ Features

Anti-clogging

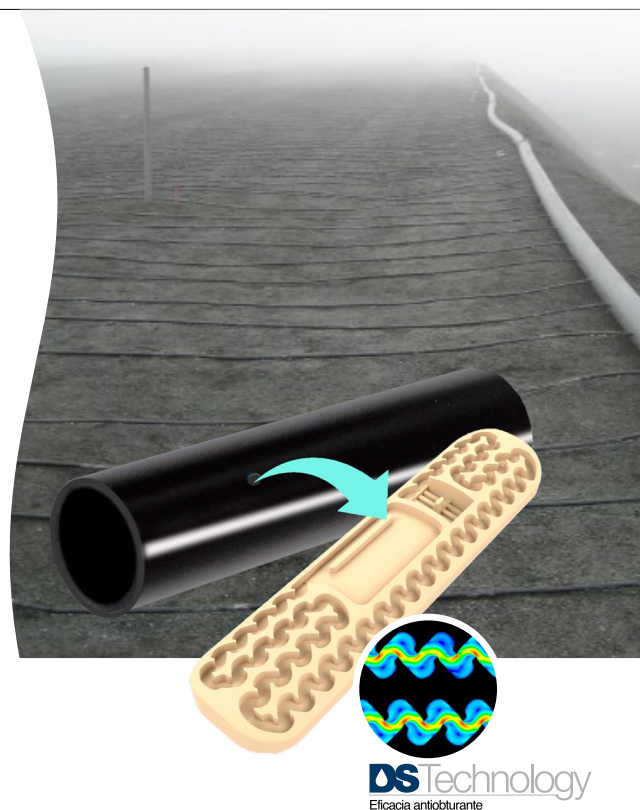
Patented DS TECHNOLOGY self-cleaning labyrinth with wide cross-sections to prevent particle sedimentation

Reliability

Large filtration area to prevent the entrance of sediments into the dripper and avoid clogging

Durability

UV protection. Resistant to chemicals used in heap leaching mines



+ Dripper technical data

Dripper	Model	Nominal flow rate	$q = K \cdot h^x$ q (l/h) · h (mca)		Recommended filtration degree (micron)
		(l/h)	K	x	
Non-PC	1L	0,97	0,31	0,49	130
	1,6L	1,55	0,50	0,49	130
	2L	2,00	0,64	0,49	130
	4L	4,00	1,29	0,49	130

AZUD manufacturing standard in accordance with ISO 9261

+ Dripline technical data

Dripper	Model	Inside diameter	Thickness	Max. working pressure	KD
		(mm)	(mm)	(bar)	
RD	16	13,9	1,1	4,0	0,4
COMPACT	16	13,9	0,9	3,0	0,4
	16	13,9	1,0	3,5	0,4
	20	17,5	1,1	3,5	0,1

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+ Maximum dripline length (meters) at different distances between drippers

Dripline	Dripper	Distance between drippers (m)							
		0,2	0,25	0,3	0,4	0,5	0,6	0,75	1
16	1L	84	98	110	130	160	175	195	245
	1,6L	61	72	80	100	116	130	150	180
	2L	50	59	67	81	94	107	123	149
	4L	35	37	39	49	58	69	79	98
20	1L	122	143	155	190	220	260	300	350
	1,6L	89	104	120	140	165	185	213	257
	2L	73	86	98	119	139	158	182	220
	4L	50	59	65	80	95	105	125	150

*Slope: 0%

*Inlet pressure: 1 bar

* ΔQ: 10

For other lateral lengths, check our software of hydraulic calculation AZUD AZIS in azis.azud.com and in the mobile applications



+ Logistics data



Dripline	Diameter mm	Thickness mm	Coil m	Maritime transport CONTAINER 40' HC		Land transport TRUCK 81 m ³	
				No. Non-palletized coils		No. Coils	
				Distance between drippers		No. Non-palletized coils	No. palletized coils
				< 0,40 m	≥ 0,40 m		
RD	16	1,1	400	384	384	432	357
	16	0,9	550	384	360	432	357
COMPACT	16	1,0	550	384	360	432	357
	20	1,1	300	405	405	486	408

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FITTINGS RECOMMENDED BY AZUD

