

VERED

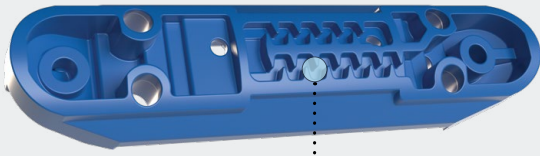
Flat Heavy-Duty PC
Dripper



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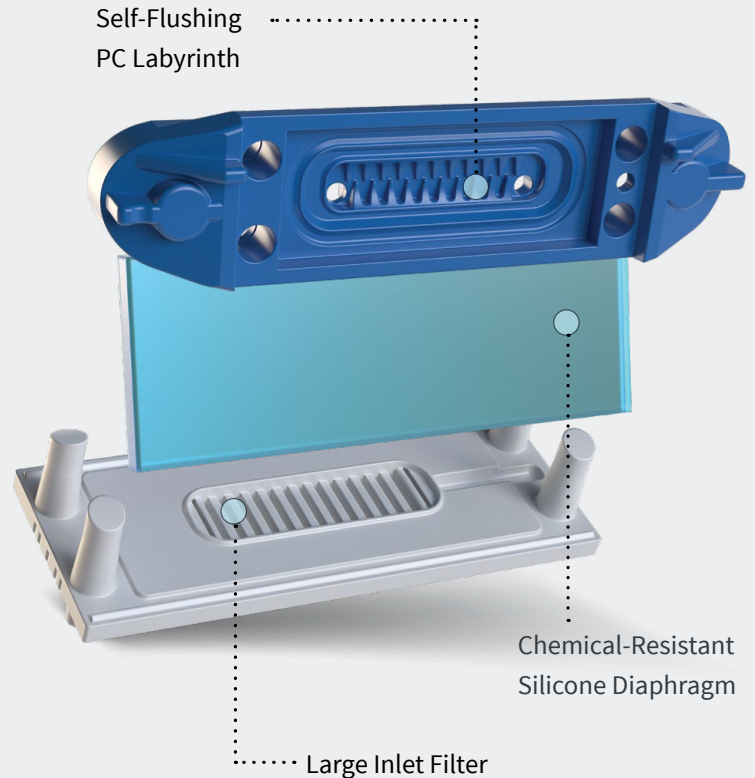
VERED | Flat Heavy-Duty PC Dripper

Primary Labyrinth



Primary Labyrinth
with Wide Water Passages

Structure & Parts



Dripper flow rates | 1.0 / 1.2 / 1.6 / 2.1 / 3.5 l/h

Dripline diameters | 16 / 17 / 20 / 22 / 25 mm

Dripline wall thickness | 0.6 - 1.25 mm

Recommended filtration | 120 mesh / 130 micron



Row crops



Orchards



Landscaping

VERED Features

- The most popular dripper for orchards
- Excellent field performance under harsh conditions
- Highly durable and reliable structure
- Unique and accurate pressure-compensating labyrinth mechanism
- Wide water passages with turbulent flow pattern
- Advanced self-flushing mechanism at the beginning and at the end of each irrigation cycle

- Large clog-resistant inlet filter
- Wide range of working pressures for various topographies
- Very low CV
- Compatible with and approved by ISO9261 standard

RootGuard® configuration is available for extra protection against root intrusion in SDI systems.

VERED | Drippers Data

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Dripline max. lateral length (m) | I.D. 15.2 mm, W.T. 0.6 mm, nominal diameter 16 mm, slope = 0%
Inlet pressure - 2.5 bar

Nominal Flow Rate (l/h)	Spacing between Drippers (cm)						
	20	30	40	50	60	75	100
1.0	128	182	232	278	321	381	474
1.2	152	212	266	315	361	425	521
1.6	119	167	212	252	290	343	424
2.1	99	140	177	211	243	288	356
3.5	71	100	127	152	175	207	256

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Dripline max. lateral length (m) | I.D. 15.0 mm, W.T. 0.9 mm, nominal diameter 17 mm, slope = 0%
Inlet pressure - 3.0 bar

Nominal Flow Rate (l/h)	Spacing between Drippers (cm)						
	20	30	40	50	60	75	100
1.0	164	232	293	344	396	469	574
1.2	149	211	267	319	367	435	537
1.6	123	174	211	264	304	360	446
2.1	103	146	185	221	255	303	375
3.5	74	104	132	159	183	217	269

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Dripline max. lateral length (m) | I.D. 17.4 mm, W.T. 1.0 mm, nominal diameter 20 mm, slope = 0%
Inlet pressure - 3.5 bar

Nominal Flow Rate (l/h)	Spacing between Drippers (cm)						
	20	30	40	50	60	75	100
1.0	231	326	412	493	568	672	832
1.2	219	306	384	456	523	616	758
1.6	181	253	319	379	434	512	630
2.1	151	212	267	317	634	429	529
3.5	108	152	191	228	261	309	381

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Dripline max. lateral length (m) | I.D. 21.0 mm, W.T. 1.0 mm, nominal diameter 22 mm, slope = 0%
Inlet pressure - 3.5 bar

Nominal Flow Rate (l/h)	Spacing between Drippers (cm)						
	20	30	40	50	60	75	100
1.0	372	511	634	746	849	993	1211
1.2	330	453	563	663	755	883	1078
1.6	273	376	467	550	627	734	896
2.1	229	315	392	463	526	616	753
3.5	164	226	281	332	378	444	542

VERED | Drippers Data

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Dripline max. lateral length (m) | I.D. 24.7 mm, W.T. 1.0 mm, nominal diameter 25 mm, slope = 0%
Inlet pressure - 3.5 bar

Nominal Flow Rate (l/h)	Spacing between Drippers (cm)						
	20	30	40	50	60	75	100
1.0	487	670	833	981	1119	1309	1598
1.2	432	595	740	872	994	1164	1421
1.6	358	493	614	724	826	967	1182
2.1	299	413	515	607	693	812	992
3.5	214	296	369	436	498	585	715

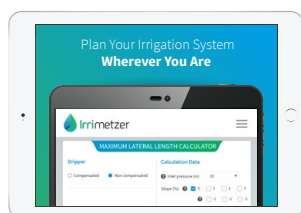
* Customized spacing between drippers is available upon request.



Technical Data

Drip Line Nominal Diameter	Inside Diameter (mm)	Wall Thickness (mm)	Minimum Working Pressure (bar)	Maximum Working Pressure (bar)	Dripper Kd
Vered 16 mm	15.2	0.6	0.5	2.5	0.65
Vered 16 mm	13.8	0.9	0.5	3.0	0.95
Vered 16 mm	13.8	1.0	0.8	4.0	0.95
Vered 16 mm	13.8	1.1	0.8	4.0	0.95
Vered 16 mm	13.8	1.15	0.8	4.0	0.95
Vered 16 mm	13.8	1.2	0.8	4.0	0.95
Vered 17 mm	15.0	0.9 - 1.15	0.5	3.0 - 4.0	0.70
Vered 20 mm	17.4	0.9 - 1.25	0.5	3.0 - 3.5	0.45
Vered 22 mm	21.0	1.0 - 1.1	0.5	3.5	0.24
Vered 25 mm	24.7	1.0	0.5	3.5	0.21

Note: max. pressure in the lateral is according to the diameter and W.T. specifications.



For more details, please visit our cutting-edge application for irrigation system design:

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VERED | Transport Packaging

Medium Drum 28.5 cm H * 57 cm O.D. (for 0.6 - 0.9 mm W.T.)

PALLET

40ft HC container

4 drums per layer * 4 layers + 4 drums per layer * 4 layers
Total: 32 drums

CONTAINER

40ft HC container

40 pallets + 24 loose drums
Total: 664 drums



Wide Drum 33.5 cm H * 57 cm O.D. (for 0.6 - 1.0 mm W.T.)

PALLET

20ft container

4 drums per layer * 6 layers. Total: 24 drums

40ft HC container

4 drums per layer * 6 layers. Total: 24 drums

CONTAINER

20ft container

10 pallets. Total: 240 drums

40ft HC container

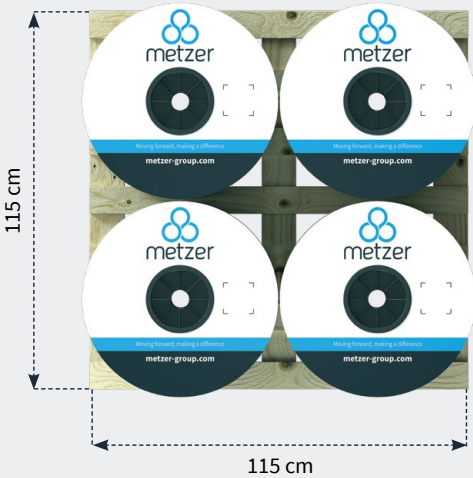
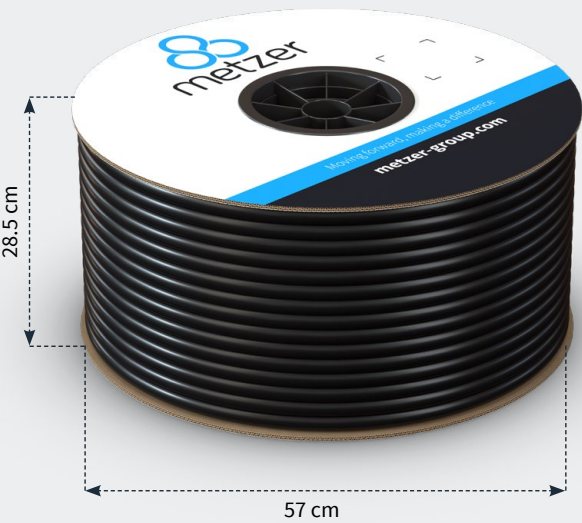
20 pallets + 20 loose drums. Total: 500 drums



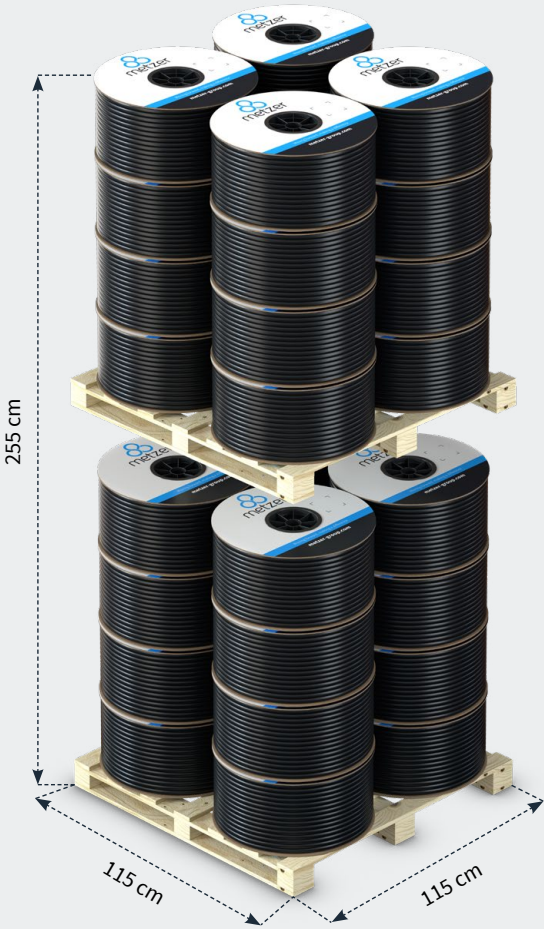
Dripline	Wall Thickness (mil/mm)	Length (m)	Drum Average Weight (kg)*
16 mm	24 / 0.6	700 Medium	25
	36 / 0.9	400 Medium	22
	40 / 1.0	400 Medium	20
17 mm	36 / 0.9	400 Medium	18
	40 / 1.0	400 Medium	23
20 mm	40 / 1.0	400 Wide	24
22 mm	40 / 1.0	350 Wide	25
25 mm	40 / 1.0	300 Wide	26

* According to dripper spacing.

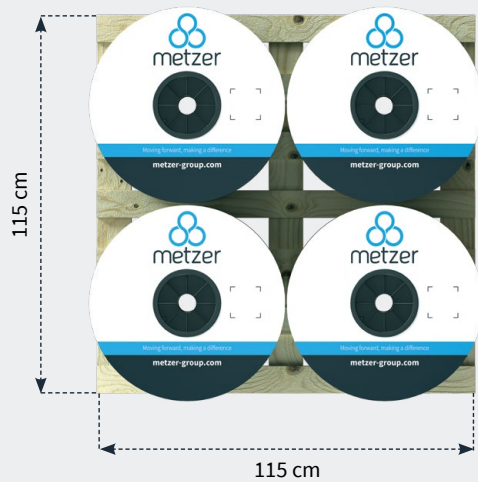
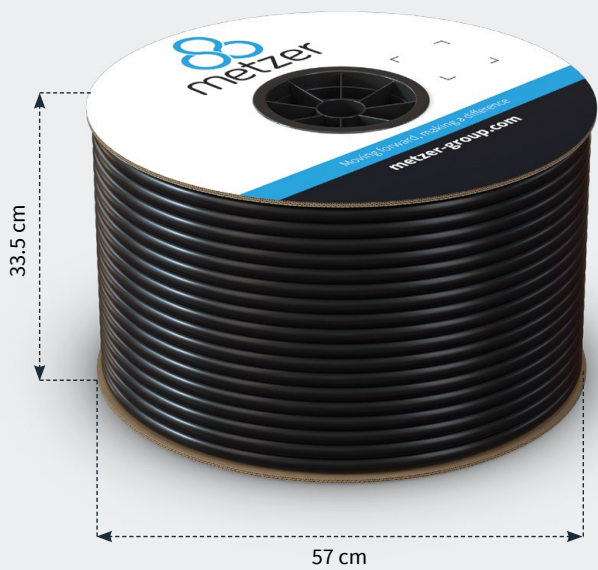
Medium Drum (for 0.6 - 0.9 mm W.T.)



40ft HC Container



Wide Drum (for 0.6 - 1.0 mm W.T.)



40ft HC Container

