

VARDIT

PC Dripper

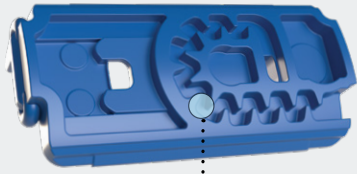


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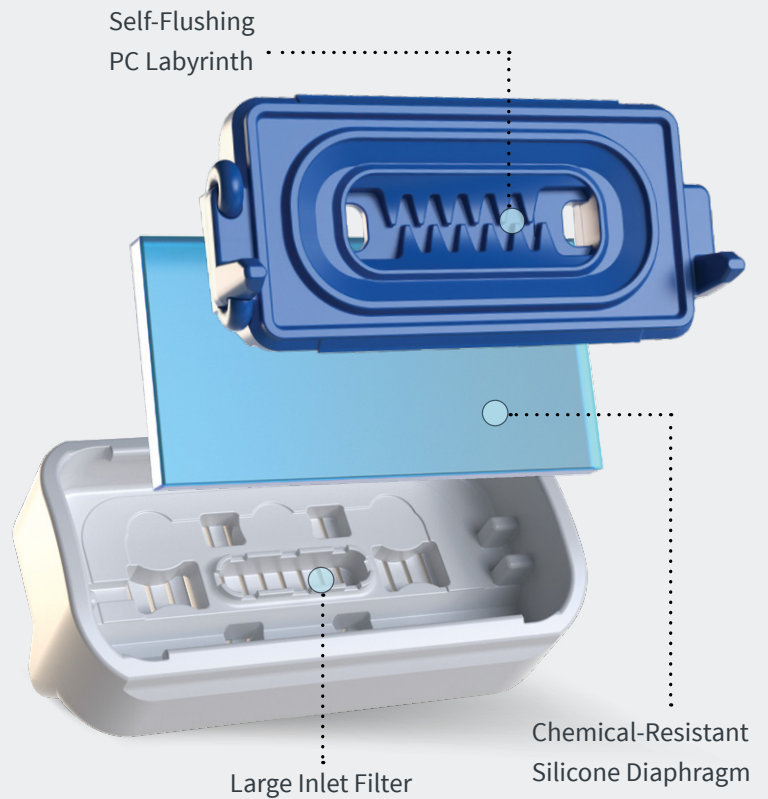
VARDIT | PC Dripper

Primary Labyrinth



Primary Labyrinth with Wide Water Passages

Structure & Parts



Dripper flow rates | 0.85 / 1.0 / 1.2 / 1.6 / 2.1 / 3.4 l/h

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

Dripline wall thickness | 0.4 - 1.25 mm

Recommended filtration | 120 mesh / 130 micron



VARDIT Features

- Efficient and cost-effective dripper
- Wide range of working pressures for various topographies
- Uniform flow rate
- Expanded inlet filter
- Highly accurate pressure-compensating labyrinth mechanism
- Wide water passages along the labyrinth
- Suitable for different water sources and quality
- Long-lasting silicone diaphragm
- Durable under harsh field conditions and chemical applications

VARDIT | Drippers Data

VARDIT 16

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
0.85	214	285	348	405	458	531	642
1.0	192	257	314	365	412	479	579
1.2	171	228	279	325	367	426	515
1.6	142	189	232	270	305	354	429
2.1	119	159	194	227	256	297	360
3.4	87	116	142	166	188	219	265

VARDIT 17

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
0.85	226	303	371	432	489	567	687
1.0	203	273	334	389	441	512	619
1.2	180	242	297	346	392	455	551
1.6	152	203	248	290	327	380	460
2.1	127	171	208	243	275	319	387
3.4	93	125	153	178	202	234	284

VARDIT 20

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
0.85	340	445	538	622	700	808	972
1.0	306	401	484	561	631	729	877
1.2	272	357	431	499	561	648	780
1.6	226	296	358	4015	467	540	649
2.1	189	245	301	348	392	453	546
3.4	139	182	221	256	288	333	401

VARDIT | Drippers Data

VARDIT 22

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
0.85	471	616	744	861	969	1119	1346
1.0	424	555	671	776	873	1008	1213
1.2	377	494	597	690	777	897	1080
1.6	313	410	496	574	646	747	899
2.1	262	344	416	482	543	627	755
3.4	192	252	306	354	399	461	555

VARDIT 25

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
0.85	640	831	999	1152	1293	1591	1790
1.0	549	724	878	1018	1147	1326	1598
1.2	513	666	801	924	1038	1196	1437
1.6	426	554	666	768	863	995	1196
2.1	357	465	560	646	726	837	1005
3.4	262	341	411	474	533	615	739

* Customized spacing between drippers is available upon request.



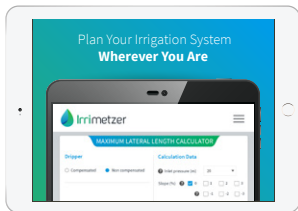
VARDIT | Drippers Data



Technical Data

Drip Line Nominal Diameter	Inside Diameter (mm)	Wall Thickness (mm)	Minimum Working Pressure (bar)	Maximum Working Pressure (bar)	Dripper Kd
Vardit 16 mm	15.8	0.3 - 0.4	0.8	2.0	0.20
Vardit 16 mm	15.2	0.6	0.8	2.5	0.22
Vardit 16 mm	13.8	0.9 - 1.2	0.8	3.0 - 4.0	0.27
Vardit 17 mm	15.8	0.6	0.8	2.5	0.20
Vardit 17 mm	15	0.9 - 1.15	0.8	3.0 - 4.0	0.22
Vardit 20 mm	17.4	0.9 - 1.25	0.8	3.0 - 3.5	0.10
Vardit 22 mm	21	1.0 - 1.1	0.8	3.5	0.08
Vardit 25 mm	24.7	1.0	0.8	3.5	0.05

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



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

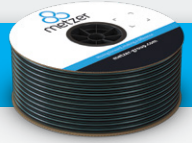
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VARDIT | Transport Packaging

Narrow Drum 22.5 cm H * 57 cm O.D. (up to 0.4 mm W.T.)



PALLET

20ft container

4 drums per layer * 9 layers. Total: 36 drums

40ft HC container

4 drums per layer * 10 layers. Total: 40 drums

CONTAINER

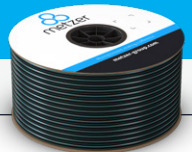
20ft container

10 pallets. Total: 360 drums

40ft HC container

20 pallets + 80 loose drums. Total: 880 drums

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



PALLET

40ft HC container

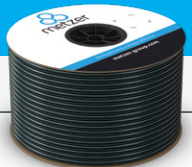
4 drums per layer * 4 layers + 4 drums per layer * 4 layers
Total: 32 drums

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

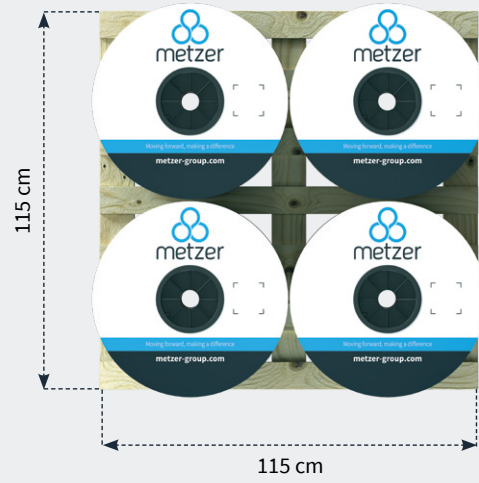
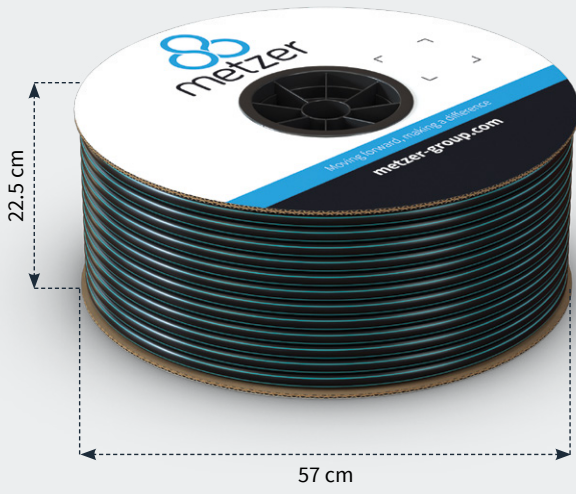
20 pallets + 20 loose drums. Total: 500 drums

Dripline	Wall Thickness (mil/mm)	Length (m)		Drum Average Weight (kg)*	
		Up to 20 cm	Above 20 cm	Up to 20 cm	Above 20 cm
16 mm	16 / 0.4		1000 Narrow		21
	24 / 0.6	500 Medium	700 Medium	16	21
	36 / 0.9	400 Medium	400 Medium	18	22
17 mm	16 / 0.4		1000 Narrow		22
	24 / 0.6	500 Medium	700 Medium	16	22
	36 / 0.9	400 Medium	400 Medium	19	24

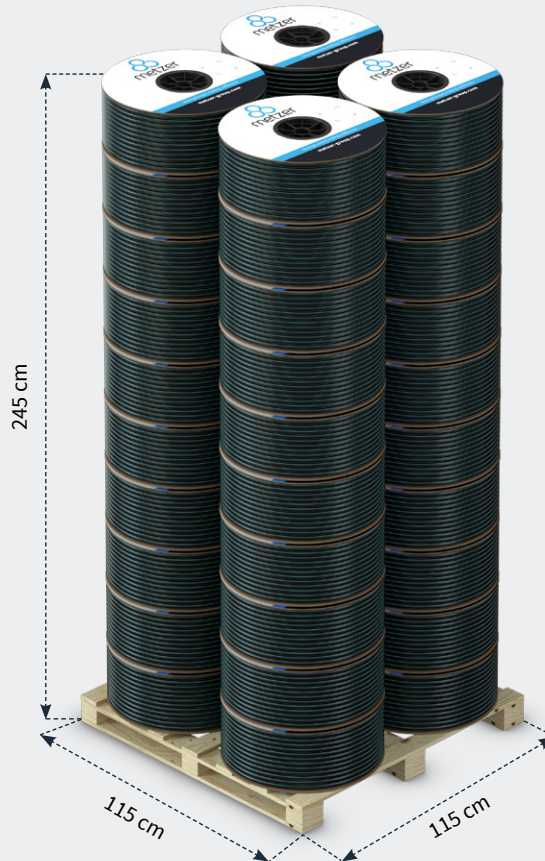
Dripline	Wall Thickness (mil/mm)	Length (m)	Drum Average Weight (kg)*
20 mm	36 / 0.9	400 Wide	22
	40 / 1.0	400 Wide	24
22 mm	36 / 0.9	350 Wide	23
	40 / 1.0	350 Wide	25
25 mm	40 / 1.0	300 Wide	26

* According to dripper spacing.

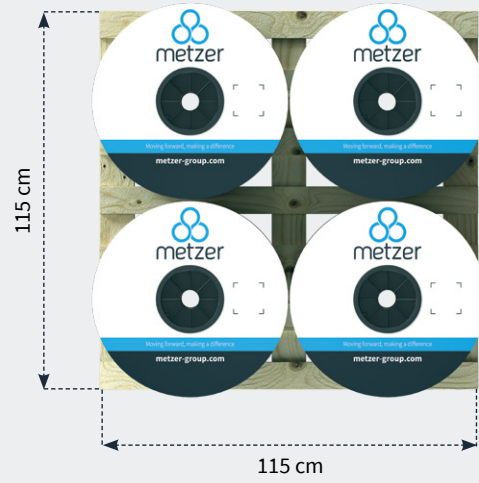
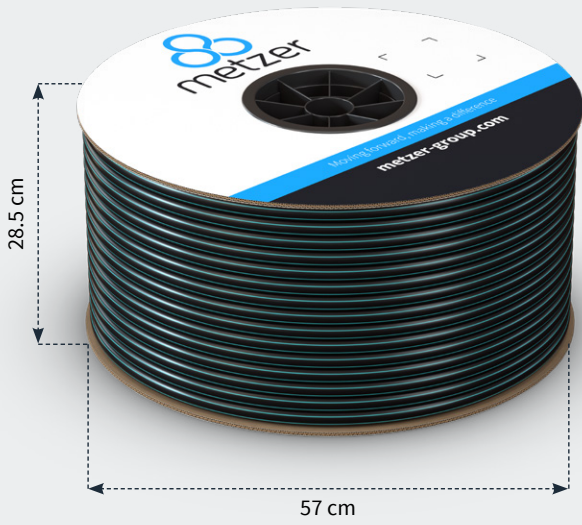
Narrow Drum (up to 0.4 mm W.T.)



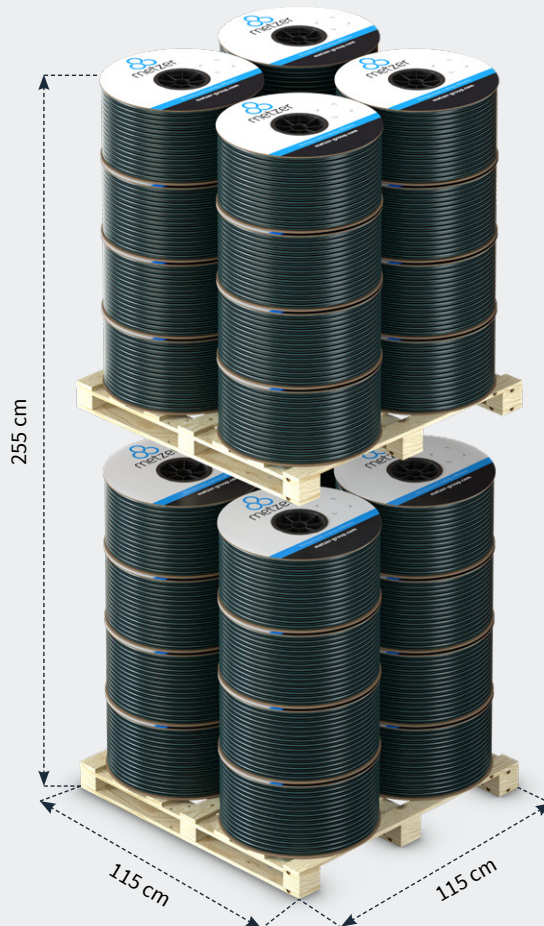
40ft HC Container



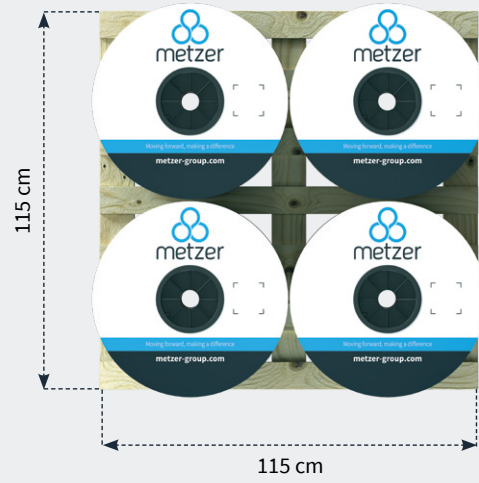
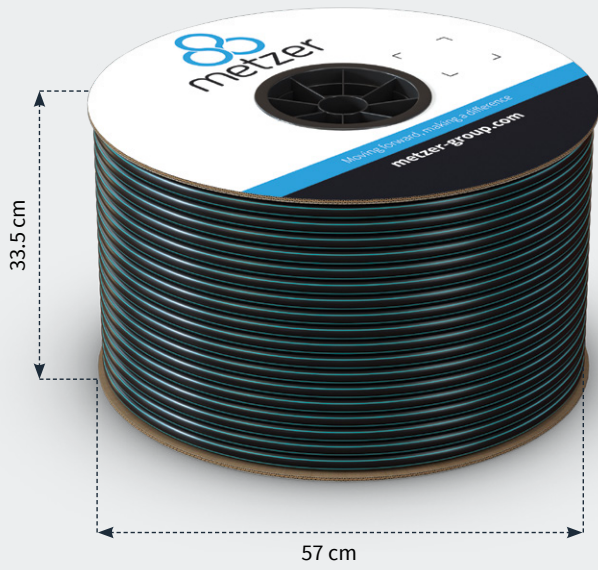
Medium Drum (for 0.6 - 0.9 mm W.T.)



40ft HC Container



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



40ft HC Container

