

Assembled inserted drip lines

with Powertif or Supertif online drippers



**Power
Plastics b.v.**



MOP (Medium Operating Pressure)

Opening pressure: 0,70 bar
Sealing pressure: 0,20 bar
Operating pressure range:
1,3-3,5 bar
Flow rates: 1,1, 1,6, 2,2,
3,1, 3,85, 5,3, 8 lph

ND (No-Drain)

Opening pressure: 0,3 bar
Sealing pressure: 0,15 bar
Operating pressure range:
0,7-3,5 bar
Flow rates: 1,1, 2,2, 3,85,
7,8 lph

NDH (No-Drain High)

Opening pressure: 0,50 bar
Sealing pressure: 0,35 bar
Operating pressure range:
1,2-3,5 bar
Flow rates: 1,6, 3,1, 8,0,
11,0 lph

Power Plastics b.v. produces out of big reels, custom made lengths of PE tubing 16, 20, 25 or 32 mm diameter and inserts fully automatic drippers together with a 3x5mm PE micro tube and mounted peg.

The PE micro tube can be produced in any length up to 100 cm.

The lines with inserted drip sets are packed in a bag with an information label.

PE tubing and micro tubes are made of 'virgin materials'.

Advantages assembled inserted drip lines

- ⌀ Quick roll out in the greenhouse
- ⌀ Lines are custom made and corresponds with the length of the path
- ⌀ No couplings in a line
- ⌀ Less installation time

Production lines of Power Plastics b.v.:

Fully automatics

- ⌀ Powertif dripper with side outlet – MOP SOL
- ⌀ PE 3x5 mm micro tube in length up to 100 cm and Snapeg

Semi automatics

- ⌀ Supertif dripper with straight conic or barb outlet – CON/SLB
- ⌀ PE 3x5 mm micro tube in length 40-50-60-70-80 cm and Barpeg





Notice !

Assembled inserted drip lines

To ensure the quality of the delivered products

you need to unroll the drip lines within three weeks after receipt



Instructions for storage drip lines

- ⌀ At least 24 hours storage of the product between 17 and 25 °C
- ⌀ Avoid direct sunlight
- ⌀ Avoid extreme (changing in) temperatures
- ⌀ Avoid aggressive and if chemical substances

Check your materials according to your order before installation/mounting

- ⌀ Diameter
- ⌀ Line length
- ⌀ Colour
- ⌀ Type of dripper
- ⌀ Spacing* between the drippers
- ⌀ Micro tube length
- ⌀ Stake
- ⌀ Pressure range



**Regarding the spacing you need to take into account a tolerance of up to 1%*

During installation and use

- ⌀ No soap and or other substances to make assembly easier
- ⌀ For cleaning instructions, please call for advise
- ⌀ Filtration requirements; $\leq 1,6$ l/h \rightarrow 100 micron
 $> 1,6$ l/h \rightarrow 130 micron

Content per 100 mtr PE hose

16mm	13,3 ltr
20mm	22,7 ltr
25mm	35,9 ltr
32mm	61,5 ltr

If something is unclear please ask your supplier

Temperature!
Expansion or contraction of PE
0,2mm per degree °C per mtr.
above or under 20 °C



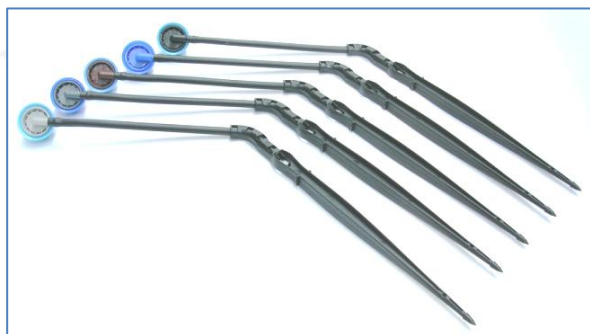
Replace drip sets

Despite utmost care sometimes drippers can be damaged while unrolling and installation. Do not pull out this drippers, but cut them off so that the punch hole is damaged as little as possible. You can then put a new dripper in the same hole.



If the punch hole is damaged it can be sealed with a blind plug. You can punch a new hole with the puncher.





1-way sets

1 x dripper SOL, CON, SLB
1 x PE micro tube 3x5mm
1 x snapeg



Quantity in box* **7500 sets**

1-way sets

1 x dripper SOL, CON, SLB
1 x PE micro tube 3x5mm
1 x barpeg



Quantity in box* **7500 sets**

1-way sets

1 x 1-way connector
1 x PE micro tube 3x5mm
1 x dripeg or barpeg



Quantity in box* **7500 sets**



2-way sets

1 x 2-way connector
2 x PE micro tube 3x5mm
2 x dripeg

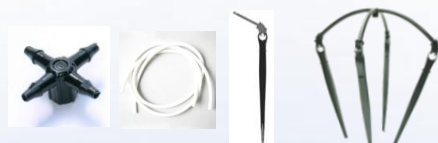


Quantity in box* **3000 sets**



4-way sets

1 x 4-way connector
4 x PE micro tube 3x5mm
4 x dripeg



Quantity in box* **1500 sets**



Delivery within two weeks

**Pallet box size: 118x78x87cm*

Power Plastics b.v. can also deliver pre-punched PE hose in black or black/white.

You can order PE hose with any spacing distance.

pe hose 20 x 17,0mm - 4bar black punched at ... cm

pe hose 25 x 21,4mm - 4bar black punched at ... cm

pe hose 32 x 28,0mm - 4bar black punched at ... cm

pe hose 20 x 17,0mm - 4bar black/white punched at ... cm

pe hose 25 x 21,4mm - 4bar black/white punched at ... cm

pe hose 32 x 28,0mm - 4bar black/white punched at ... cm



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Application form

Please send us the following information if you want to receive a quotation; info@powerplastics.com

Project data		
Company name		
Contact person		
Project name		
Order number		
Desired delivery date		
Delivery to.. country/place		

Content	Example	Line 1	Line 2
Number of lines			
Line length [mtr]			
PE diameter	20, 25 or 32 mm		
PE colour	Black or White		
Spacing* between drippers [cm]			
Interval spacing* [cm]	10-44,2-10-44,2-10 etc		
Drip sets per line			
Length PE 5 mm micro tube [cm]	30 up to 100 cm		
Colour PE 5 mm micro tube [cm]	Black or White		
Blank before 1st dripper [cm]	100 cm		
Blank after last dripper [cm]	100 cm		
Dripper ltr/h	1,1, 1,6, 2,2, 3,1, 3,85 ...		
Model dripper	SOL, CON or SLB		
Type dripper	ND, NDH or MOP		
Opening pressure [bar]	0,3, 0,5 or 0,7 bar		
Closing pressure [bar]	0,15, 0,35 or 0,2 bar		
Working pressure installation [bar]	0,7 - 3,5 bar		
Type stake	Snapeg or Barpeg		
Stake colour	Black		

*Regarding the spacing you need to take into account a tolerance of up to 1%

Model dripper

SOL 90° barbed side outlet fits 3x5 mm micro tubes

Conic matches 1-, 2- and 4-way connectors

SLB straight barbed outlet fits 3x5 mm micro tubes



Type dripper

MOP (Medium Operating Pressure) <i>standard dripper</i>	ND (No-Drain)	NDH (No-Drain High)
Opening pressure: 0,70 bar Sealing pressure: 0,20 bar Operating pressure range: 1,3-3,5 bar Flow rates: 1,1, 1,6, 2,2, 3,1, 3,85, 5,3, 8 lph	Opening pressure: 0,3 bar Sealing pressure: 0,15 bar Operating pressure range: 0,7-3,5 bar Flow rates: 1,1, 2,2, 3,85, 7,8 lph	Opening pressure: 0,50 bar Sealing pressure: 0,35 bar Operating pressure range: 1,2-3,5 bar Flow rates: 1,6, 3,1, 8,0, 11,0 lph