

# drip irrigation tape

## ● simple solution, simple application

The tape is easy to roll-out and handle in the field. A reel of 1.000 meter tape weights approximately 12 kg. The tapes are easily connected.

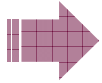
## ● clever technology enabling directed irrigation

The technology and engineering are off the details: e.g. unique pattern evoking turbulent flow that is preventing dirt to accumulate and clog the tubes.

## ● optimization of water usage: contributing to more sustainability

With a certain spacing of the outlet (drops) the crops is irrigated directly. The standard spacing of 20 cm. With the water pressure the flow rate (amount of drops per hour) is controlled.





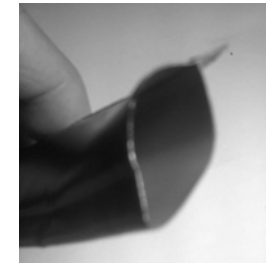
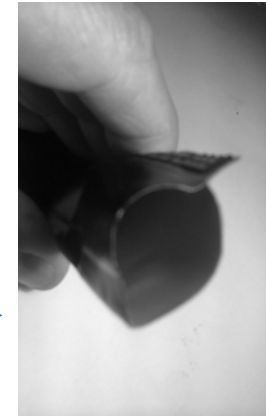
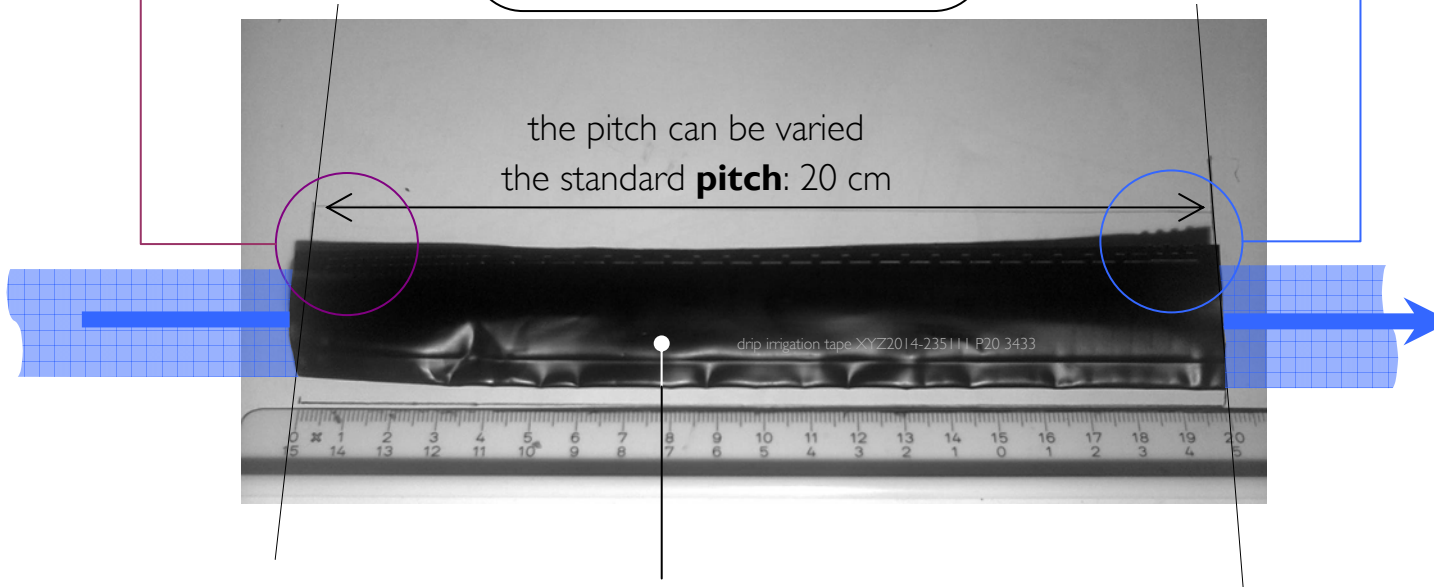
cleverly engineered side inlet  
to control flow (depending  
on water pressure)



output side: 4 water drip holes

Two (2) layer tape

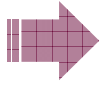
the pitch can be varied  
the standard **pitch**: 20 cm



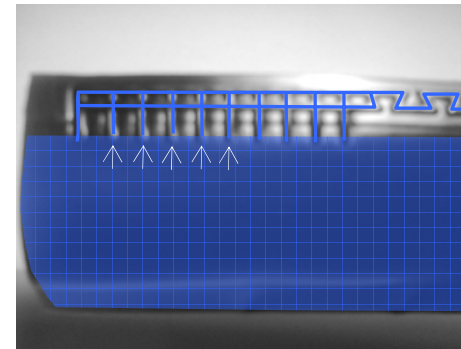
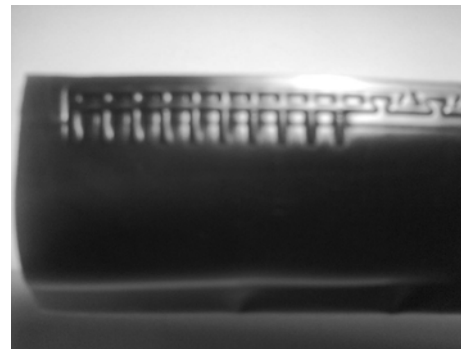
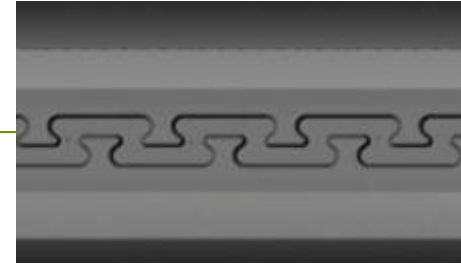
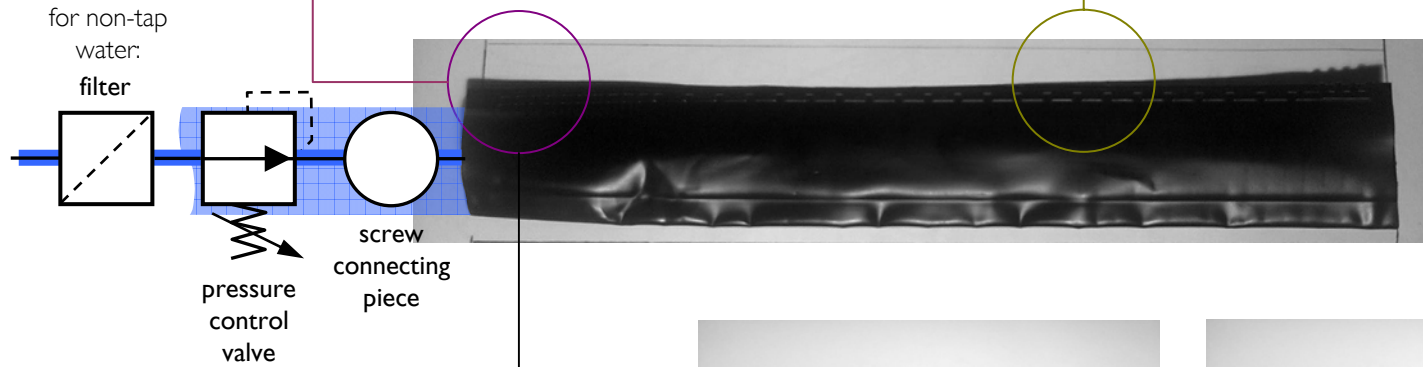
The main elements of the mix of materials of  
which the tape is made are:

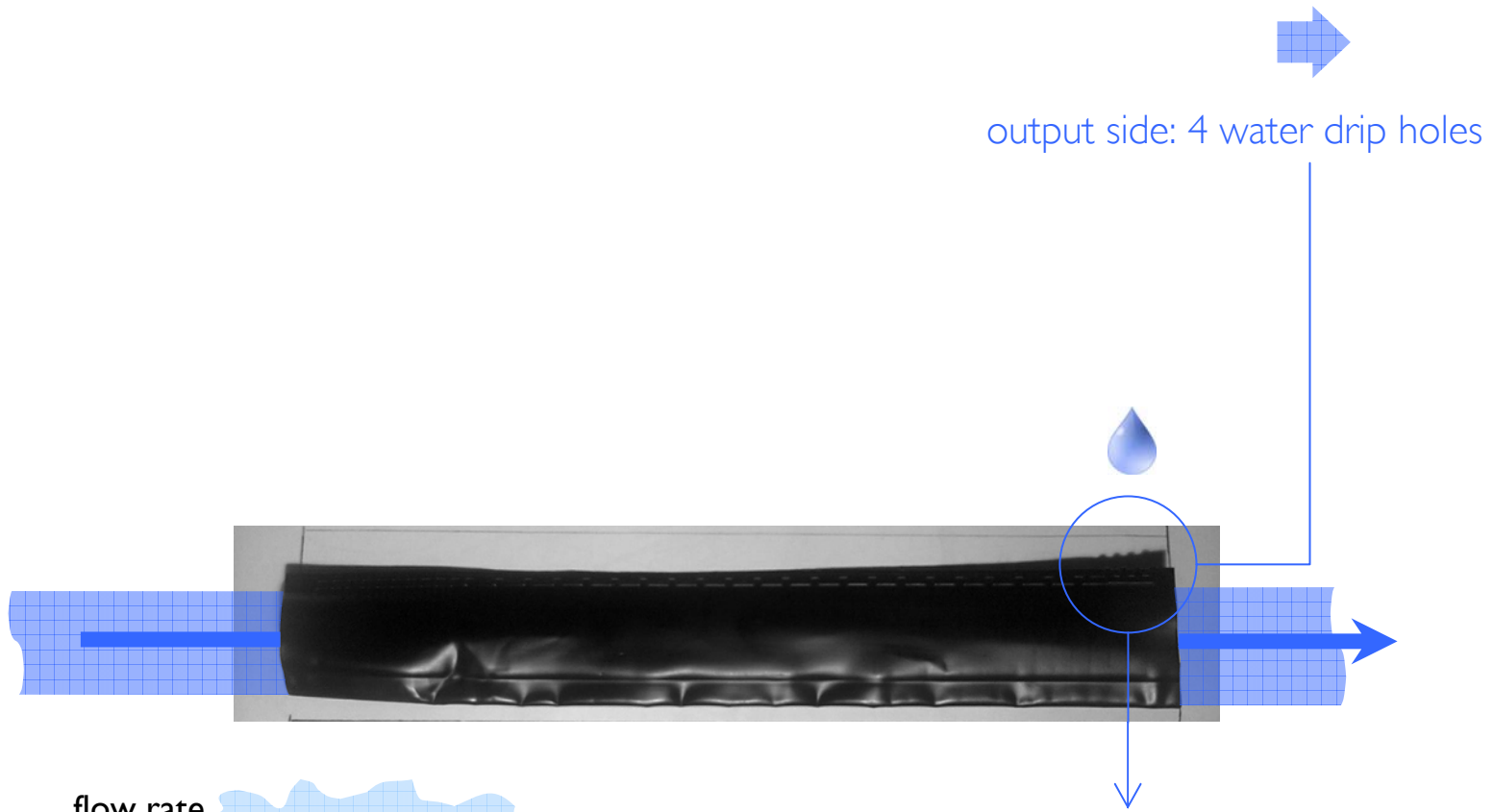
- HDPE (high density PE)
- LDPE (low density PE)
- LLDPE (linear low density PE)

} mix of these three sorts of  
PE make the plastic grade  
- density raw material: 930 kg/m<sup>3</sup>  
- thickness: 175 μm (micron)



cleverly engineered side inlet  
to control flow (depending  
on water pressure)

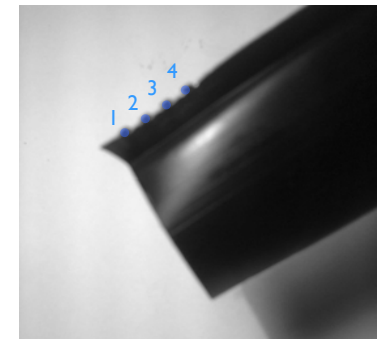
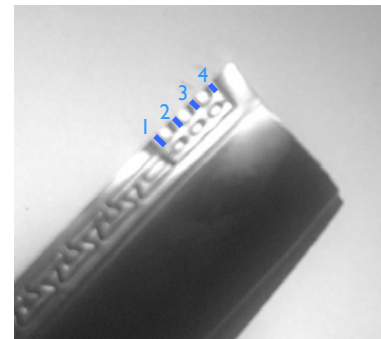
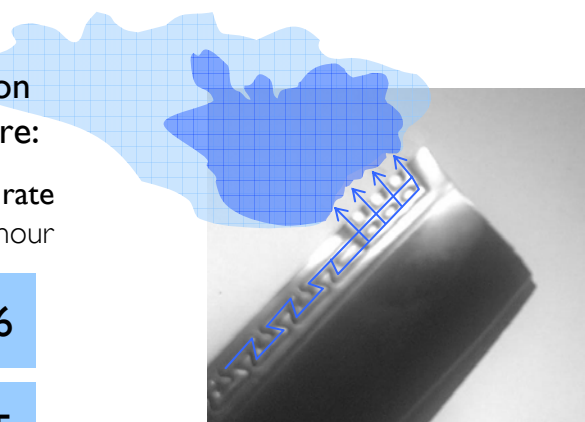




flow rate  
depending on  
H<sub>2</sub>O-pressure:

pressure | flow rate  
bar | liter/hour

0.6	1.6
1.0	2.5
1.3	3.0



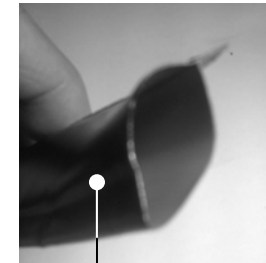
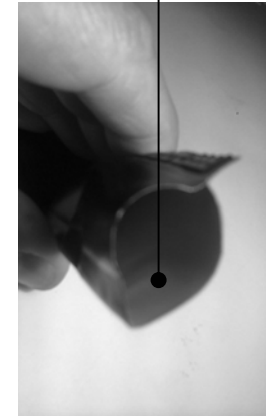
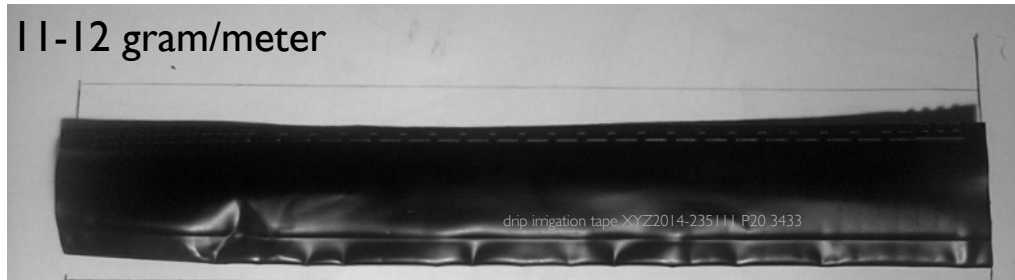


Apart from the sustainable function of the tape (more efficient and thus less water usage) the tape itself is recyclable.

White inside coating.  
Various colors possible.



the tape weights 11-12 gram/meter



Two (2) layer tape



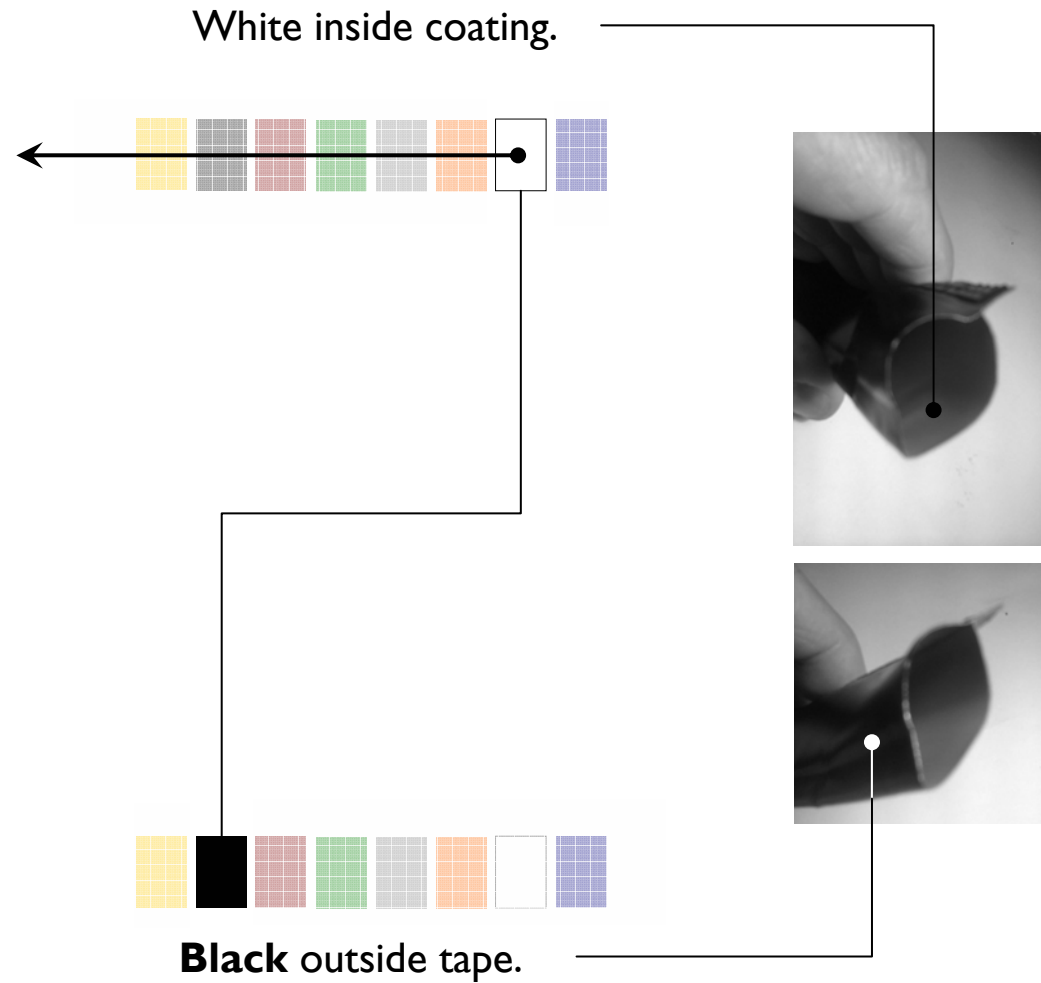
Black outside tape.  
Various colors possible.



The total length of the tape can be varied.

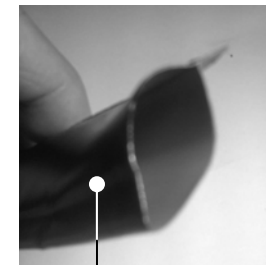
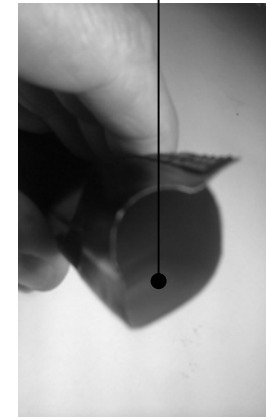
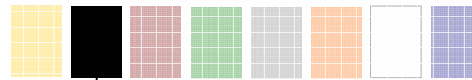
- 200 meter
- 500 meter
- 1.000 meter: 11,5-12,5 kg
- 2.000 meter

- Purgation of the water
- Omission of the taste and the smell of the water
- Prevention of the micro organism aggregation
- Less clogging
- Self cleaning property



- Excellent Ultra-Violet (UV) resistance which withstands heat and direct sun
- Because of being reflective, producing cooler water temperatures enhancing plant growth
- suitable for hot climates with long sunshine hours
- suitable for sensitive plants which their farming is in hot seasons

**Black inside coating.**



**White outside tape.**

