



White Driplines and PE Tubes

Plastro's white driplines & tubes are comprised of two layers. The interior black layer prevents light penetration while the exterior white layer reflects radiation and reduces the tube temperature.

Main features:

- Absorbs less radiation
- Lower water temperature in the dripline
- The multi-layered dripline ensures a durable product: UV-resistant white external layer, and a tough black opaque interior layer
- Excellent light reflection

Benefits:

Excellent light reflection: In greenhouses the reflection from the white dripline provides more light to the plant, which is essential to the plant growth especially in cloudy regions and during the short day season.

Lower water temperature: Young plant roots are especially sensitive to high temperature. The white driplines absorb less radiation, thus reducing water temperature and its harmful effect to young plant roots.

Reduced clogging hazard: Minimum scale accumulation due to lower water temperature.

Better resistance: The multi-layered dripline shows better resistance during retrieval, due to its lower temperature.

High visibility: The highly visible white color reduces accidental physical damage during cultivation and harvesting.

All Plastro's integral driplines as well as PE tubes are available in white.



White Driplines

WHITE DRIPLINES



Temperature difference between black and white driplines:



Temperature differences

- In field tests the temperature observed in white driplines was significantly lower than in black driplines (up to 10°C).
- Lower water temperature reduces risk of clogging due to scale accumulation.
- In white driplines the expansion/contraction due to temperature differences is significantly lower. Thus drip emitters are kept in place and precise irrigation is ensured.



White driplines in a greenhouse



A white dripline in a young citrus orchard

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