

Solutions for a green future

LUSOAQUA
CD76R00



The best thermoplastic solutions for infrastructure networks



Politejo Group was founded in 1978, as an industry specialized in the manufacture of thermoplastic solutions and its main activity is the production of pipes and plastic accessories for the water supply, waste water, irrigation, electricity and telecommunications.

Our strategy is based on the constant innovation of products and services, with a skilled team, able to understand the needs associated with the various sectors and present highly reliable solutions, longevity that allow the conservation of water resources and the environment.

The success of Politejo Group is based on the profile of its employees, with a family-oriented management, due to the strategic location of its manufacturing units and their complete solutions.

This profile enabled a notable growth throughout the last 40 years, and currently Politejo Group is present in Angola, Brazil, Spain, Mozambique and Portugal, with a view to expanding to new locations.

LUSOAQUA

LusoAqua is a **self-compensating** perforated dripper that is very easy to install and has a wide range of applications. With this product it is possible to homogenise the irrigation flow in a precise way throughout the plantation.



Features and Applications



LusoAqua drippers incorporate a high quality, durable membrane that allows precise water flow regulation over a wide range of pressures.

The advanced welding process of LusoAqua drippers eliminates the problem of leaks between the dripper body and the cover, having the cover welded around the edge of the body.

Our dripper prevents leakage through parallel installation of LusoAqua and prevents leakage regardless of time, pressure and conditions.

The design of the LusoAqua dripper provides all the benefits of large bore drippers. Compact in size they are the perfect choice in terms of value.

LusoAqua drippers have the highest rating for CV, emission uniformity, flow accuracy and clogging resistance.

We have a draining option (D) and an anti-draining option (ND):

*In the **Self-compensating** option (**D**) the dripper eliminates the flow remaining in the pipe after irrigation thus improving the efficiency of pulse irrigation.



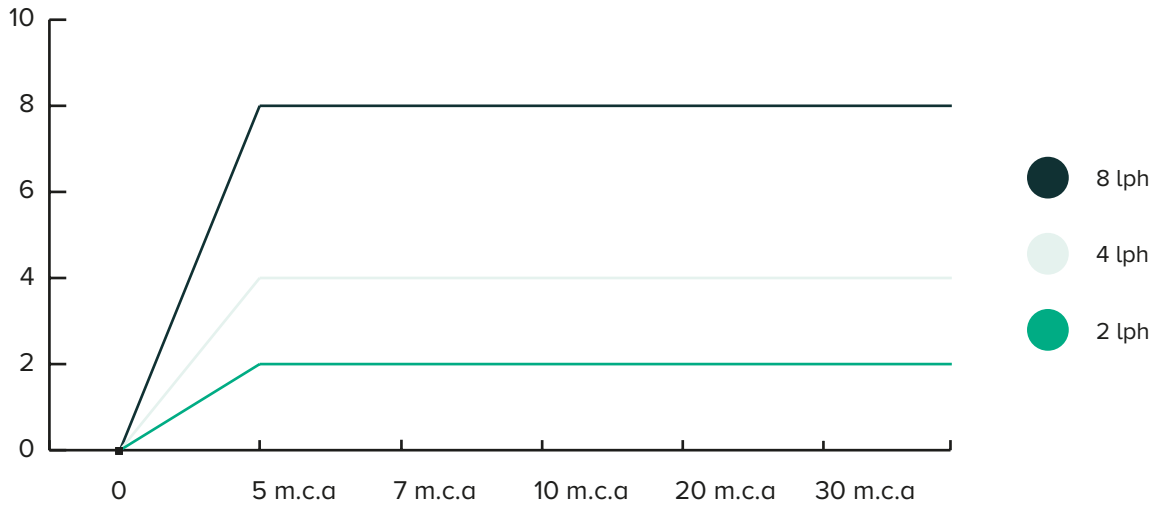
*The **Non-draining Self-compensating (ND)** option allows the irrigation pipes to be kept on load, which allows greater optimisation of resources, especially in fertigation and we get immediate irrigation without the need to refill the pipes with water.



Available flow rates: 2 l/h, 4 l/h and 8 l/h

FLOW (l/h)	CONSTANT "k" (bar)	Exponent (x)	Coef. of variation CV (%)	Dimension (L x H x W) (mm)	Filtration area (mm ²)	Recommended filter (mesh)
2,0	2,0	0,0	2,0	1,00 x 1,00 x 55,4	3,80	120
4,0	3,9	0,0	2,0	1,30 x 1,10 x 50,6	3,80	120
8,0	7,9	0,0	2,2	1,50 x 1,15 x 46,5	3,80	120

Flow rate/pressure table

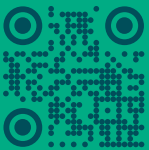


Recommended accessories





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