

# PE Valves



PE valves are low-pressure valves with a line bush, nut or BSPT threaded fitting. These valves can be used as flushing valves at the end of an irrigation pipe.

## APPLICATION

Irrigation systems (indoor and outdoor) up to a pressure of 3 bar

## CHARACTERISTICS

- ✓ Simple operation
- ✓ Double O-ring for extra safety and long service life
- ✓ Housing with acetal line bush fitting for perfect connection to the line
- ✓ Housing with polypropylene threaded nut fitting for better sealing

## TECHNICAL DATA

Dimensions	: for 16-25 mm PE line
Connection	: ½" - ¾" BSPT (male and female thread)
Max. pressure	: 3 bar (PE valves with bush, at 20°C) : 4 bar (PE valves with Nutlock fittings or screw thread, at 20 °C)
Max. temp.	: 60°C (with decreasing maximum pressure)
Material	: acetal or polypropylene (housing) : polyamide (handle) : EPDM (O-rings)

## Recommended PE wall thickness

PE-valve (mm)	Bush Line wall thickness(mm)	Nutlock Line wall thickness (mm)
16-17	0,9 / 3 bar	0,7 - 1,5 / 4 bar
20	0,9 / 3 bar	1,0 - 1,9 / 4 bar
25	1,4 / 3 bar	1,4 - 1,9 / 4 bar

## INSTALLATION & MAINTENANCE

- ✓ The PE valve with Nutlock fittings is recommended for use from 3 to 4 bar, or if the temperature can exceed 35°C.
- ✓ PE valves must be installed strain-free in the installation.
- ✓ If the line cannot be pushed easily onto the barb, the line can be made more supple with lukewarm water (30 - 40°C).
- ✓ **Note:** To prevent deformation of the PE valve, it must be mounted stress-free.
- ✓ **Note:** Do not use soap-based products for connection of a PE line!