



WaStop® Inline Check Valve Technical Specification PE

Model no.:	WS250PE-S2	WS250PE-S3	WS250PE-S4
Nominal Size:	250 mm		
Pipe:	PE		
Membrane:	Polyurethane		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mmH ₂ O	5 mmH ₂ O	8 mmH ₂ O
Horizontal opening pressure*:	187 mmH ₂ O	215** mmH ₂ O	265** mmH ₂ O
Horizontal closing pressure*:	118 mmH ₂ O	136** mmH ₂ O	105** mmH ₂ O
Submerged opening pressure*:	146** mmH ₂ O	168** mmH ₂ O	188** mmH ₂ O
Submerged closing pressure*:	58** mmH ₂ O	66** mmH ₂ O	74** mmH ₂ O
Vertical opening pressure*:	288 mmH ₂ O	320** mmH ₂ O	352** mmH ₂ O
Vertical closing pressure*:	168** mmH ₂ O	186** mmH ₂ O	205** mmH ₂ O

*) +/- 15% **) Modeled value

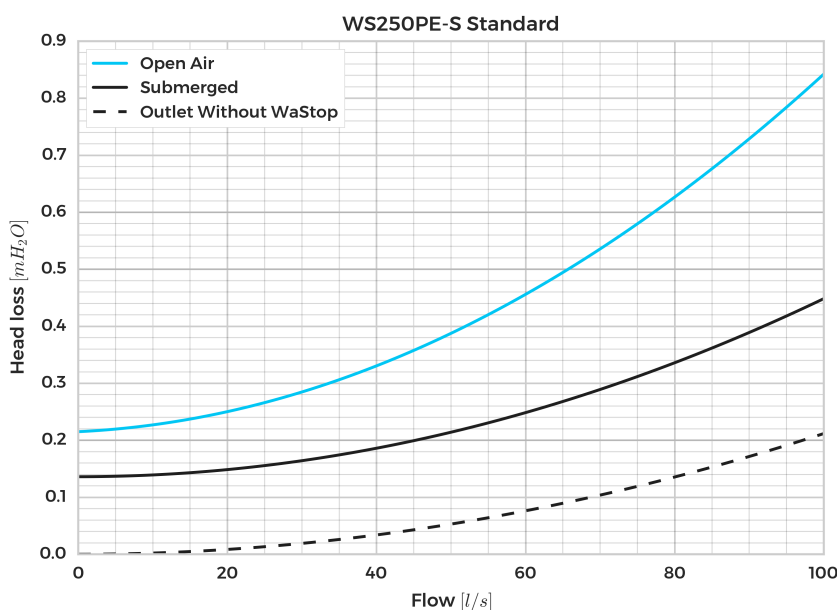
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20 °C).

Max Flow	m/s	l/s
	2	100

- Higher flows requires custom valve, contact Wapro

- Flange installation is highly recommended at flows above 2 m/s



In the submerged case opening pressure [mmH₂O /inH₂O] is the difference between the water level upstream and the water level downstream and in the open-air case to the invert of the pipe. In vertical applications, the vertical opening pressure is measured from the outlet of the WaStop.

