GP50100/2,5

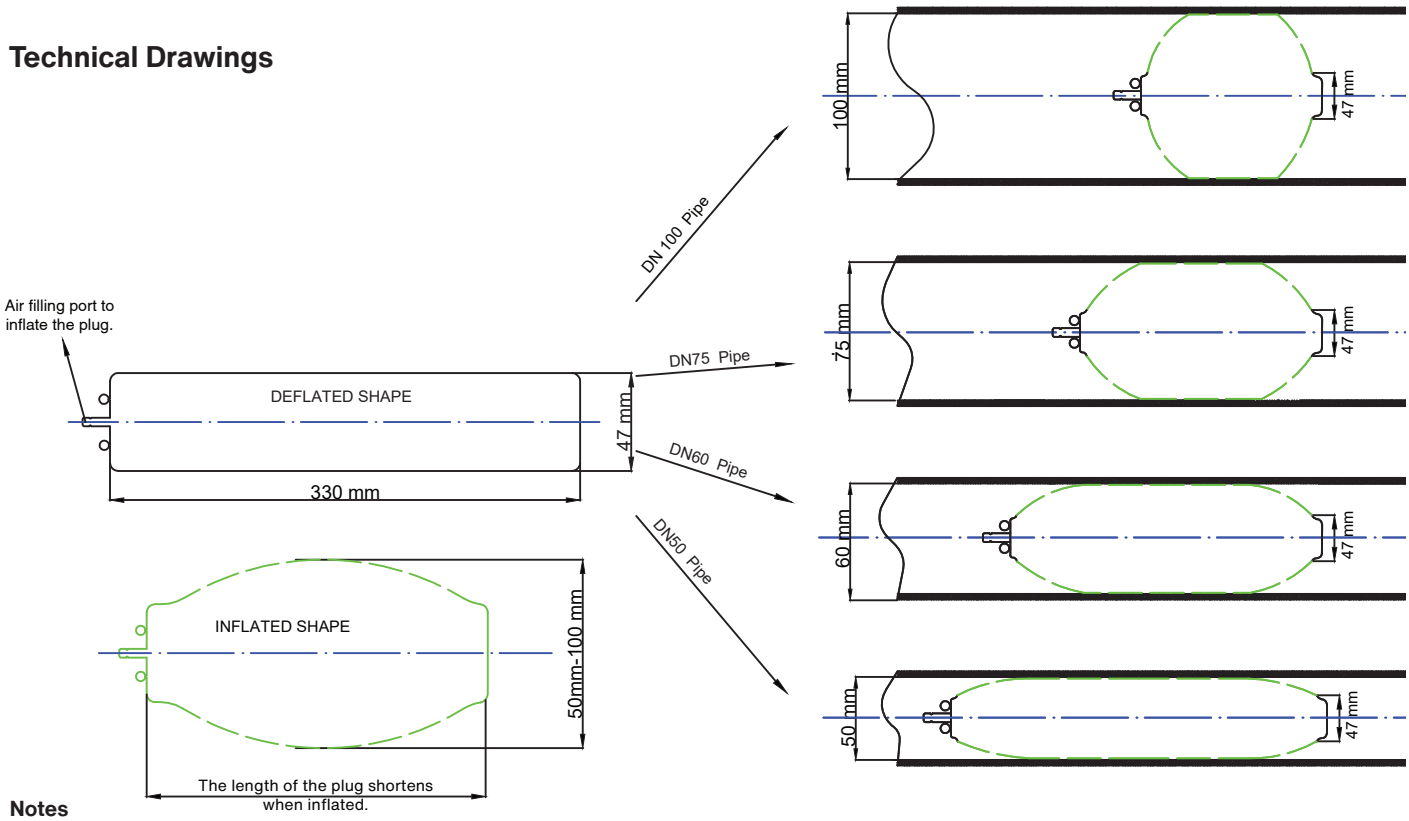
Technical Table

MODEL GP50100/2,5	
Min. Applicable Size	50 mm
Max. Applicable Size	100 mm
Inflation Pressure/Working Pressure*	2,5 Bar
Max. Back Pressure**	1,0 Bar
Material***	Nitrile Rubber
Approx. Weight	0,3 kg
Deflated Diameter	47 mm

Back Pressure Table

**** BACK PRESSURE CHART FOR DRY STEEL PIPE			
MODEL / PIPE DIAMETER	50 mm	75 mm	100 mm*****
GP50100/2,5	1,5 Bar	1,2 Bar	1,0 Bar

Technical Drawings



Notes

*** :** Working Pressure refers to the inflation pressure required to inflate the plug with air.
**** :** Back Pressure is the force that pushes against the plug and may cause it to move inside the pipeline.
***: Suitable for hydrocarbon applications (oil, gas, diesel, petrochemical...)
****** :** The back pressure values in the table are valid only at an ambient temperature of 25 °C.
******* :** Use of the plug at the maximum applicable diameter is not recommended except in dry concrete pipes. Back pressure resistance depends on the friction coefficient between the pipe wall and the plug surface. If the pipe is not concrete, or if its surface is wet or unclean, the friction coefficient decreases, reducing the plug's ability to withstand back pressure. In such cases, do not use the plug at its diameter limits, select a larger size plug.

Note: *Regardless of the amount, if any back pressure is present, the pipe plug must always be braced to prevent sliding. Plugco guarantees sealing but not sliding inside the pipe.*

Note: *It is the user's responsibility to take all necessary safety precautions. The Plugco Safety Manual must always be followed.*

Publication Date: 13/07/2015
Revision Date 03/06/2025