## MUELLER

## **PIG-PLUG<sup>™</sup> LINE STOPPER INSERT**

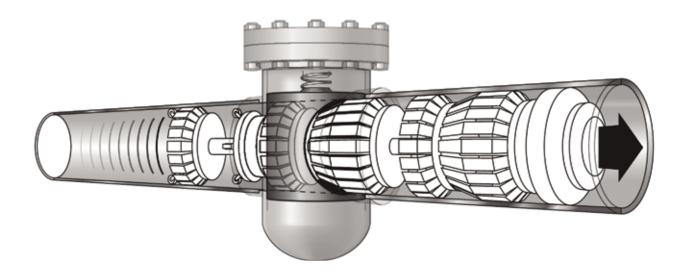
For over 70 years, Mueller Gas fittings have remained the trusted means for performing flow isolation and by-pass operations when 100% shut down is required.

In 2006, due to the increasing use of inline inspection devices, Mueller introduced the Pig-Plug<sup>™</sup> line stopper insert to help alleviate perceived concerns while operating inline inspection devices in conjunction with Mueller line stopper fittings. Since then, the Pig-Plug insert has been successfully implemented by several large utilities across the United States for over a decade.

The Pig-Plug line stopper insert functions similarly to the methods utilized by other fitting manufacturers. Once installed, the Pig-Plug insert establishes an internal pipe geometry mirroring the parent pipe's internal dimensions. Standard Mueller line stopping machines can install or remove the inserts in new or existing fittings on a pipeline.

The next generation Pig-Plug line stopper insert incorporates additional enhancements such as an all-steel construction and the ability to accommodate a range of pipe wall thicknesses more easily. In addition to rigorous internal testing, the newly redesigned Pig-Plug line has undergone third-party testing with a leading worldwide provider of inline inspection devices.





FITTING SIZE/TYPE/ CUTTER SIZE	NEW STEEL PIG-PLUG™ PART NUMBER	PIPE WALL MIN/MAX THICKNESS RANGE	ORIGINAL PIG-PLUG PART NUMBER CROSS REFERENCE	INSERTING/ EXTRACTING TOOL
12″ (12.5″ Cutter)	683172	0.188 - 0.340	682644, 682775	682586
	683173	0.320 - 0.500		
10″ (12.5″ Cutter)	683170	0.130 – 0.310	682643, 682774	682586
	683171	0.220 - 0.400		
8" Standard (8.25" Cutter)	683167	0.230 - 0.410	682772, 683018	682724
8″ Thin Wall (8.5″ Cutter)	683168	0.125 – 0.280	682773, 683019	
	683169	0.190 – 0.370		
	683209	0.230 - 0.410		
6" Standard (8.25" Cutter)	683165	0.190 – 0.370	682785, 683016	
6″ Thin Wall (8.5″ Cutter)	683166	0.125 – 0.280	682786, 683017	
	683208	0.190 – 0.370		



Figure 1 - Newly redesigned Pig-Plug line stopper insert successfully passing rigorous third-party testing

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