



**180-Z Choke Specifications**  
**Multi Products Company**  
Flow Control Division



The Multi Products Company In-Line 180-Z Choke:

Overall Length        8" OAL when Upright with Base down.  
Total Height         11" when Upright.  
Total Weight         16 lbs.

Calibration	Calibration Ring in 64 <sup>th</sup> of an inch with rotating Cap indicator. The indicator is fully adjustable with a Roll Pin on Stem of Valve to retain calibrated position.
Adjust Range	From zero to 48/64ths inch orifice size. Locking set screw to hold adjustment
Adjustment	Knurled Wheel attached directly to Needle stem. Knurling is a cross hatched pattern cut into knob and plated to resist corrosion.
Handle Attachment	Threaded with Lock nut and pinned directly to Needle valve Stem.
Stem Material	D2 with Polished finish.
Stem Size	7/16" OD Stem with 3/4" plug tapered to zero..
Stem Thread	16 threads per inch.
Base Material	Ductile Iron with 2" NPT threads.
Choke orifice	.750" ID Equal Percentage trim with taper plug. <b>Or Specify</b>
Handle housing	Steel 2000 PSI working pressure with Teflon packing. Optional 4000 PSI.
Base Threads	<b>2" NPT (11 1/2V) Line Pipe threads</b>
Stem housing	Steel housing with Static Oring recesses and Teflon packing to maintain lubrication.
Oring material	Viton set in stem assembly in static recesses.
Color	Exterior of body is red. Handle and Indicator is metallic.
Available Options	Choke can be made into motor valve with the adding of the MFC-Z topworks. H2S chokes are also available at extra cost.

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