

MILTON® BRAND AIR SYSTEM PRODUCTS

Coupler Information Reference

Basic Size - This defines the air handling capacity of the coupler. The most popular size for automotive shop use is the 1/4" Basic Size, which handles air volumes up to approximately 35 SCFM (Standard Cubic Feet per Minute). This size coupler readily connects and disconnects under normal air line pressure.

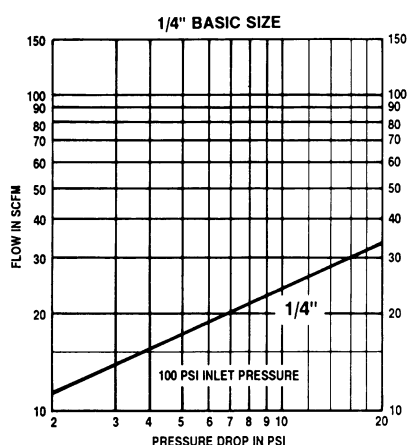
The 3/8" Basic Size will handle air volumes up to about 60 SCFM. For air volumes above this amount, use 1/2" Basic Size. These sizes are not intended to be connected or disconnected under normal line pressure.

Do not confuse the Basic Size with the pipe thread size. The latter specifies only the size of the pipe fitting the coupler or the plug connects to and nothing to do with air volume.

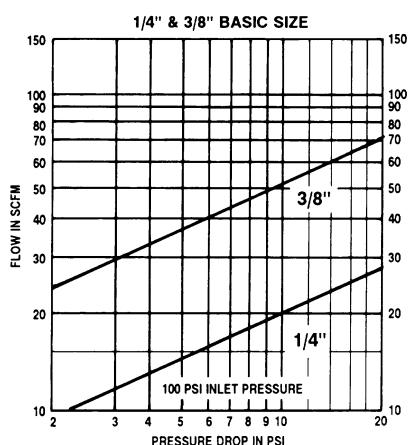
Types - Ten different coupler/plug styles are in current use in automotive and industrial applications. They were originally developed by different manufacturers. There is no advantage to one style versus another, although the Industrial Interchange types (M, H, & G) are the most popular.

Normally, the various styles are not interchangeable. But, all couplers bearing the same letter (e.g., M-type) will work together. Notice there are two G-types with different plug designs: these are interchangeable.

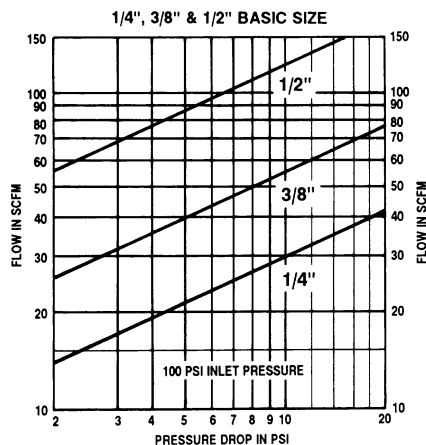
There is also a three way coupler body available. This coupler body will interchange with M, T & A type coupler plugs.



Type L, A & T



Type D, P & AA



Type M, H & G

USE THESE FULL-SIZE DRAWINGS TO IDENTIFY AN UNKNOWN PLUG STYLE

