

PURGE ASSEMBLIES



Distributed By:
Med-Tech Gases, Inc.
1-800-FINE-GAS (346-3427)
www.medtechgases.com

The installation of a purge assembly on the inlet side of the pressure regulator, pigtail inlet, or gas control system is highly recommended anytime a toxic, corrosive, flammable, or ultra high purity gas is to be used in the system. Purge assemblies perform the following multiple functions in your gas system during cylinder change overs:

TEE-PURGE ASSEMBLIES

Contamination of the gas stream can often occur during cylinder change outs allowing oxygen and moisture to enter the regulator. These contaminants can cause disruption to processes and inaccurate data readings. These tee-purge assemblies are designed to be installed between the cylinder valve and the pressure regulator. They enable the user to purge the system through the regulator with an inert gas after cylinder changes leaving the gas stream pure and free of contaminants.



All models have a multi-turn diaphragm valve and a check valve to prevent backflow of the process gas into the purge line.

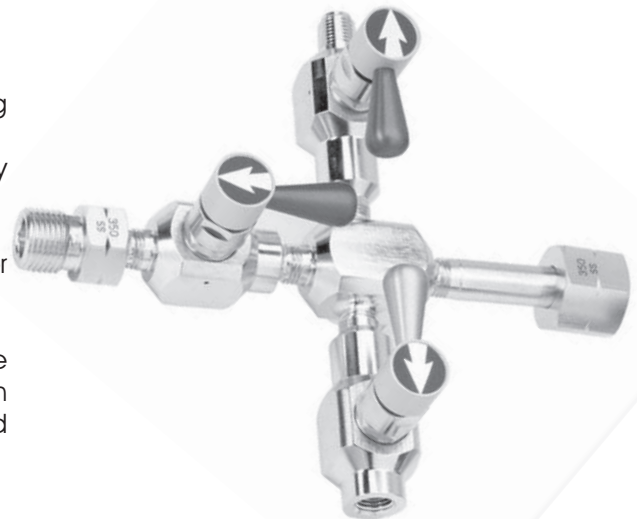
PART NUMBER	MATERIALS	MAX PRESSURE (PSIG)
16050 (CGA)	Brass	3,000
16051 (CGA)	Stainless Steel	3,000

IMPORTANT NOTE: To order, add CGA number for the applicable gas to the end of the part number for the selected tee-purge
Example: For a CGA 580 the part number would be 16050-580

CROSS-PURGE ASSEMBLIES

These compact cross-purge assemblies provide effective purging during cylinder change out. These units can be used in a wide variety of applications where contamination must be avoided. They are an ideal accessory installed between the cylinder and the regulator of ultra high purity carrier lines for gas chromatography systems that cannot tolerate even minimal amounts of oxygen or moisture that can enter the system during cylinder changes.

They can also be used with gas mixtures that contain reactive components to ensure that no moisture enters the sampling system preventing deterioration of the reactive components that can lead to concentration inaccuracies.



Each cross-purge assembly incorporates the use of an integrated check valve to prevent backflow of process gas into the purge line.

PART NUMBER	MATERIALS	MAX PRESSURE (PSIG)
16052 (CGA)	Stainless Steel	3,000
16053 (CGA)	Monel	3,000

IMPORTANT NOTE: To order, add CGA number for the applicable gas to the end of the part number for the selected tee-purge
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