

Mixes

% OF EACH GAS % OF EACH GAS % OF EACH GAS % OF EACH GAS



Mixed Gases

Purity: see specific gases

MIL-A-18455C

CYLINDER COLOR: "GRAY" Stenciled with name and percentage of each gas

DESCRIPTION: Common nonflammable gas mixtures for welding.

For More Mixes See Calibration Gas Page.

VALVE: CGA-580
(Hydrogen Mix Requires CGA-350)

SHIPPING DATA/NAME SEE BELOW
ID NO: DOT Class: 2.2
CAS Registry: see specific gases
Molecular Weight: see specific gases

DOT Label: Nonflammable Gas
Flammability Limits: Nonflammable
Specific Volume: see specific gases



EMERGENCY RESPONSE: See EMERGENCY RESPONSE GUIDE #'s 121, 122 & 126 (as listed beneath mixture)

USES:

- MIXTURE, -1:** 98% ARGON (Ar), 2% OXYGEN
Guide #122 MIG welding - *spray arc* - on thick sections of stainless or low alloy steel.
- MIXTURE, -2:** 75% ARGON (Ar), 25% CARBON DIOXIDE (CO₂)
Guide #126 MIG welding - *short circuit transfer* - general purpose gas for mild steel and auto body metal.
- MIXTURE, -3:** 75% ARGON (Ar), 25% HELIUM (He)
Guide #121 TIG welding - thin aluminum and copper sheet.
MIG welding - *spray arc* - for aluminum/copper & nickel alloys thicker than 3/8 inch
- MIXTURE, -4:** 50% ARGON (Ar), 50% HELIUM (He)
Guide #121 TIG welding - thick metals
MIG welding - *spray arc* - an alternative for thick aluminum
- MIXTURE, -5:** 25% ARGON (Ar), 75% HELIUM (He)
Guide #121 TIG welding - thick aluminum and copper sections
MIG welding - *spray arc* - an alternative for thick aluminum
- MIXTURE, -6:** 90% HELIUM (He), 7.5% ARGON (Ar), 2.5% CARBON DIOXIDE (CO₂)
Guide #126 MIG welding - *short circuit & spray transfer - on thin stainless*
- MIXTURE, -7:** 75% Nitrogen (N₂), 25% CARBON DIOXIDE (CO₂)
Guide #126 Beverage Dispensing – European Beer (for less foam)
- MIXTURE, -CUST:** Custom Mixes and other blends

SHIPPING DATA/NAMES

- Rare Gases and Oxygen Mixtures, Compressed, 2.2, UN1980
 - Compressed Gas, n.o.s. (Argon, Carbon Dioxide), 2.2, UN1956
 - Rare Gases Mixtures, Compressed, 2.2, UN1979
 - Rare Gases Mixtures, Compressed, 2.2, UN1979
 - Rare Gases Mixtures, Compressed, 2.2, UN1979
 - Compressed Gas, n.o.s. (Helium, Argon, Carbon Dioxide), 2.2, UN1956
 - Compressed Gas, n.o.s. (Nitrogen, Carbon Dioxide), 2.2, UN1956
- (call for additional information)

Mixes Inert 1/ In psi column: A = 1800 psi; B = 2015 psi; C = 2265 psi; D = 2300/2400 psi; F = 3500 psi; G = 6000 psi

Cyl. Style	Mixes Inert Gas no. 1/	Price Ea gas fill	Cylinder no. (empty cyl.)	Cylinder empty Price ea.	1/ Max PSI
20	MIX-20CF	Call	CMIX -20	\$87.50	ABC
40	MIX -40CF	Call	CMIX -40	\$97.50	AB
50	MIX -50CF	Call	CMIX -50	\$112.50	AB
80	MIX -80CF	Call	CMIX -80	\$195.00	B
110	MIX -110CF	Call	CMIX -110	\$212.50	B
125	MIX -125CF	Call	CMIX -125	\$218.75	C
200	MIX -197CF	Call	CMIX -200	\$243.75	A
220	MIX -220CF	Call	CMIX -220	\$255.00	B
250	MIX -250CF	Call	CMIX -250	\$265.00	C
300	MIX -330CF	Call	CMIX -300	\$325.00	D

ORDERING INFORMATION:

(n.o.s. means: not otherwise specified)
1/ When ordering mixes add the MIXTURE DASH NUMBER (or letters) to the mix part number found on the High Pressure Gas and Cylinder Identification Chart. Example: MIX-197CF-2
The above example would be used to specify a 75% Argon and 25% Carbon Dioxide mixture fill for a 197 cubic foot cylinder.

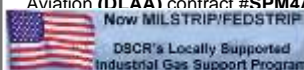
Mixtures of Argon or Helium & Nitrogen are shipped as "Rare Gases and Nitrogen Mixtures, Compressed, 2.2, UN1981".

Mixtures of Carbon Dioxide & Nitrogen are shipped as "Compressed Gas, n.o.s. (Carbon Dioxide, Nitrogen), 2.2, UN1956".

Mixtures with Oxygen greater than 23.5% are shipped as "Compressed Gas, oxidizing, n.o.s., (____, ____), 2.2, UN3156".

6830013120055 75%Argon/25% CO2 UN1956 ERG126	200 cf		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	8120013116914		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	2265psi
6830015894297 95%Argon/5% CO2 UN1956 ERG126	300 cf		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	8120015895937		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	2400psi
6830006561603 98%Argon/2% O2 UN1956 ERG126	200 cf		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	8120006561631		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	2015psi
6830015227666 95%Argon/5% Hyd. UN1954 ERG115	230 cf		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	8120015228099		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	2015psi
6830015227674 90%Argon/5% CO2/ 5% O2 UN1956 ERG126	230 cf		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	8120015228089		Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	2265psi

Stoody Industrial & Welding Supply, Inc. has teamed with Haas Group International (HGI) to locally support this item under HGI/ Defense Logistics Agency - Aviation (DLAA) contract #SPM4AR-07-D-0100. Once your order has been placed Stoody Industrial & Welding Supply, Inc will arrange delivery of full cylinder(s), 1/2 cylinder(s) within 2 – 5 days and typically no later than 12 days (according to the Issue Priority Group [IPG])



Non-MILSTRIP/FEDSTRIP items may be ordered directly from Stoody Industrial & Welding Supply, Inc.

To order your MILSTRIP/FEDSTRIP items, you may use these methods:

- (1) Service/Government agency automated ordering systems using MILSTRIP/FEDSTRIP (Standard Form 344) – (this is the preferred method)
- (2) Email your MILSTRIP/FEDSTRIP order to DLA's Customer Interaction Center at: DLAContactCenter@dla.mil
- (3) Online shopping using a Government credit card through the DoD E-Mail at: <https://dod-email.dla.mil> call 1-877-352-2255 DSN 661-7766

For MILSTRIP/FEDSTRIP item program questions, call 1-866-724-0932 - To speak with a DLA Customer Interaction Center representative, call 1-877-DLA-CALL

For more Information on this Program see the Military Bottled Gas Ordering Guide

Scan for Current Price Page

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