

GAS INNOVATIONS®

Propylene Fuel Gas...

PROPYLENE THE SUPERIOR FUEL GAS FOR DEMANDING HVAC PROFESSIONALS

Acetylene Alternative for your "B" and "MC" tanks

Propylene has proven its productivity nationwide for more than 30 years in metalworking applications that include flame cutting, heating, (preheating and stress relieving), brazing, soldering, flame hardening and HVOF metalizing. The high flame temperature and the heat of combustion produced by Propylene and oxygen or just Air Fuel produces controlled heat around the pipe for complete joint fusion. Propylene Air Fuel often produce an even greater advantage...especially over acetylene. Precise heat control is easily accomplished by simply adjusting the coupling distance. With Air and or Oxygen the flame wraps around the joint for complete fusion.



Air Fuel Flame
Wraps around
tubing



Precise Flame &
Heat Control



Liquid Line Brazing made
easy and very fast



Large Pipe Joints
done with precision
control of heat



Propylene cylinders are safe, economical and easy to handle. They come in many sizes but specifically for HVAC contractors the "B" replacement is the 8 lb. cylinder and for the "MC" you have the 2 lb. cylinder. Both cylinders are the exact same size as the acetylene cylinders so there is no changing of a caring tote. The 8 lb. cylinder has a handle to carry the tank, has 3.6 Times more product and is actually lighter than the "B" acetylene tank.

**SAME PHYSICAL
DIMENSIONS
AS "MC" NO FILLER
NO ABSORBANT (ACETONE)
3.7 X MORE PRODUCT**

2 lbs.

**SAME PHYSICAL DIMENSIONS AS "B"
TANK EXCEPT WITH A COLLAR FOR CARRYING
NO FILLER
NO ABSORBANT (ACETONE)
3.6 X MORE PRODUCT**

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**HIGH PERFORMANCE EQUIPMENT AND
CONVENIENCE FOR THE HVAC PROFESSIONAL
CONTRACTORS...**

**MORE HEAT & MORE CONTROL
FOR THE DEMANDING BRAZING AND
SOLDERING APPLICATIONS.**

You can use existing regulators & tips, however, it is recommended you change out the regulator, use propylene tips and "T" grade hose.

**COMPLETE LINE OF BRAZING EQUIPMENT FOR ALL
STYLES OF TORCHES**

EQUIPMENT FUEL GAS REGULATOR BRAZING TIPS, MIXERS & GOOSENECKS



**ADAPTOR: #321
MC ACETYLENE
CYLINDER CGA 200 TO
POL 510**

MIXERS

Heavy Duty: Airco 800, Harris 43-2,63-2 & 18-5, Smith SW200, SW1B, Victor 300. Adapter: UNH-10, UNH-6.

Medium Duty: Airco 750, Harris 85, 16, Smith MW5, WH100, Victor 100, Oxweld 400, Purox 300. Adapter: UNM.

Light Duty: Airco 800, Harris 43-2,63-2 & 18-5, Smith SW-1A & 2, Victor J, Purox 200. Adapter: UNL.

GOOSENECKS

BGNH 8 & 12, BGN-12, BGN-8, BGN-6, BGN-3.

BRAZING TIPS & HEATING TIPS

TEP 8 & 10, SCTEP 8 & 10, TEP 0-6, SCTEP 0-6, HD1-1 & HD1-2.

SCTEP
Single Orifice Tip

TEP
Multi Orifice Tip

Tip #	Drill Size	Fuel Gas PSIG	Fuel Gas Consumption CFH	Oxygen PSIG
00	76	3-5	4-9	3-6
0	70	3-5	6-12	3-6
1	65	3-6	9-18	4-8
2	60	3-6	10-20	5-10
3	56	4-8	12-24	8-15
4	53	5-10	20-40	10-25
5	49	6-12	30-75	15-30
6	43	7-14	60-120	30-40
7	38	8-15	90-180	30-40
8	30	12-24	160-320	40-70
10	25	32-44	200-400	50-80
HD1-1	200,000 BTU	5-10	70-100	40-60
HD1-2	355,000 BTU	10-15	100-150	50-70

IMPORTANT

When converting from Acetylene to Propylene or Propane increase your brazing tip size by one.

Example: Acetylene TEP 0 = Propylene TEP 1