

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 carrying 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

8 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

UNH-10
UNH-6
UNM
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

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

SCTEP
Single Orifice Tip

TEP
Multi Orifice Tip

2 lb.

14 oz.

IMPORTANT

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

Example: Acetylene TEP 0 = Propylene TEP 1