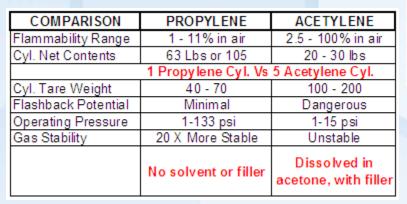
Why Fabricators are Changing to Propylene?

- SAFER.. Reduced chance of flashbacks, more stable
- 50%.. Reduction in cost over Acetylene
- 50%.. Reduction in gas pressure Vs Propane... less gas
- 80% less cylinder change outs.. (1 -105 lb Propylene Vs 5 330 cu ft. Acetylene)
- QUALITY CUTS.... Less grinding, better joint fit-up
- HIGHER Vapor Pressure in colder temperatures
- FASTER Cutting Speeds....productivity improvement
- LONGER TIP LIFE... less change out time





Safety Comparison:





These properties translate into real safety advantages for personnel involved with Propylene as a fuel gas versus acetylene. 1 -105 lb Propylene Cyl. Is equilivent to 5 – 330 cuft Acetylene Cyls. Which reduces the labor of cylinder change outs by 80%

Gas stability issues with Acetylene prevent users from being able to increase pressure in acetylene applications i.e.(Heating) causing insufficient pressures for heating heads resulting in dangerous flashbacks while with Propylene this is a minimal concern.

No additional equipment required...... Simply change the Gas and the Tips...











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Compare the difference Cost Comparison: Calculate your cost of Acetylene Vs Propylene: Acetylene Cost @ ____ per 100 cu.ft. X 3.3 (330 cu.ft./cyl.) = \$ per cylinder X 5 cylinders = Acetylene cost \$ _____. Propylene Cost @ _____ per Ib. X 105 Ib cylinder = Propylene Cost \$ _____. Your Savings = \$ _____ (1) 105 lb Propylene Cyl. (5) 360 cu. Ft. Acetylene Cyls 105 lbs of product per cyl. 21 lbs of product per cyl. Propylene Cutting, Heating & Brazing Tips make the Difference..... **Optimize your Performance with Propylene Cutting & Heating** Equipment GAS INNOVATIONS Propylene Tips Standard Propylene Tip Thicker Seat locking less wear & distortion **Complete Cylinder Selection** Double Seat Locking = longer seating tolerance To meet your needs.... and less chance of leaks Solid Trillium Copper Shell Back Drilled (not Tube Stock) **Best Thermal Properties** Thicker Walls = 3 to 5 x Longer Shell Life Better Protection for Brass Splines T 18 Splines vs. 12 Faster Preheat Times Square Groove Splines Increased Performance

Faster preheat times, Stainless inserts for longer tip life

18 Preheats

18005 E. Hwy 225 La Porte, Texas 77571 Tel: 281-471-2200

Longer Splines = Focused Point of Flame

Length of Velocity Tube is 15 X diameter of cutting Oxygen orifice

=consistent laminar flow Narrow Kerf with,

greater stand-off distance of

Tip-to-work distance

greater oxidation of steel

faster cuts longer tip life

GAS INNOVATIONS

Propylene Tip

Hotter flame temperatures

-Cleaner Burn

-Longer tip life Increased production

aximum attachment of Hydrocabons

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