

flamex[®]

THE LEADER IN METAL
CUTTING TECHNOLOGY

CUTS STEEL FASTER
LESS EXPENSIVE
LESS PEIRCING TIME
NO WELD-BACK
LITTLE TO NO SLAG
NO GRINDING
HIGHER STABILITY



NOBODY'S HOTTER

Since 1970 Flamex Industries, Inc., located in St. Petersburg, Florida has blended and distributed patented compounds used as additives in natural gas, propane and coal gas. When mixed with Flamex's new formula, FXD, no other gas, not even acetylene, produces as hot a flame. The hotter flame means complete oxidation and better heat transfer. This was made possible by Flamex's breakthrough that enables suppression of radiant energy, thereby causing higher temperatures in the primary flame with less radiant cooling of the flame. This even makes machining possible immediately after flame-cutting on armor plate and air hardened steels.

THE ORIGINAL SUPER FUEL ADDITIVE

APPLICATIONS WITH FXD

POWDER CUTTING - All of the advantages that FXD offers in ordinary flame cutting are present in powder cutting operations. One leading manufacturer of powder cutting equipment reports that FXD treated gas is 10 to 20 percent faster than the next fastest gas on the market.

BRAZING - FXD does a superior job in brazing too. There is nothing present in the flame which would tend to produce a porous bond. In brazing copper to copper, using flux, the surface of the heated metal becomes clean and shiny, so much that there is no need for any finish with wire brushes or grit paper.

WELDING - FXD is excellent for welding of aluminum, copper, cast iron and brass. It's also superior for braze welding of steel. Paradoxically, the characteristics that make FXD so superior for most metal-working purposes disqualify it for steel-to-steel welding.

CUTTING - Not only does Flamex treated gases cut steel faster than other gases, they do it with less slag and no weld-back because of the complete oxidation that takes place in the hotter flame. There is little or no finish grinding or costly clean-up necessary after cutting.

GOUGING - FXD increases the speed and quality of gouging operations dramatically, producing a trough in which the parent metal is exposed, almost totally free of slag or weld-back, and ready for welding.

FLAME HARDENING - The higher temperature of Flamex and its superior heat transfer properties, plus the fact that its stability permits greater line pressure for an enlarged flame, result in faster flame hardening at reduced cost. And because there's more heat in the secondary FXD flame, it does not require the skill demanded of an operator working with acetylene. An inexperienced operator can do excellent work with Flamex treated gases.

FOR MORE INFORMATION PLEASE CONTACT:

EXTRA COST SAVERS

- NO SPECIAL CARRIER TANKS
- NO DIP TUBES
- NO CIRCULATING PUMP IN BULK STORAGE
- NO SCALES
- NO SEPARATION OF PRODUCT REGARDLESS OF TEMPERATURE
- NO RESIDUAL LEFT IN THE TANK
- REDUCED STORAGE AREA FOR ADDITIVE
- ABILITY TO TREAT BULK TANKS EASILY
- INDIVIDUAL CYLINDERS ARE EASY TO FILL

PRODUCT SPECIFICATIONS

Vendor Information

Federal Tax Identification Number: 59-1302957
Item: FXD
Stock Number: 2021
Product Liability Insurance: Colony Ins., \$1,000,000

Freight

Terms: F.O.B. St. Petersburg, Florida 33713 U.S.A.
DOT Transportation Classification:
Hazardous/Flammable Liquid
UN #: 1230
UPSable: Yes (Charges include hazardous shipping cost)
Material: Aliphatic Blend

Packing

One Unit: 1 Liter (33.8 ounce) metal can
Gross Weight: 2 pounds 4 ounces
Case Volume: 2 gallons

Shipping Carton Specifications

Pack: 8
Gross Weight: 18 pounds
Dimensions: 9 3/4" X 9 5/8" X 7 1/8"
Packing Container: 200# test corrugated
Container Marked: Red Flammable Diamond