

### Your HDPE Source

ISCO Industries is recognized as the polyethylene pipe expert, stocking and selling only HDPE pipe for various energy, industrial, municipal, environmental and landfill applications throughout the U.S. From order to delivery, ISCO prides itself on quick response – backed by technical support and face-to-face service at the job site. We are also one of the few pipe suppliers maintaining a full sales staff to assist our customers quickly and efficiently. ISCO offers quality 1" to 65" McElroy fusion machines for sale or rent, and is a McElroy repair and service center with a complete inventory of fusion units and parts. And, since price matters,



we buy and stock more HDPE than any other supplier, passing along volume pricing to our customers while providing many other value added services. Need pipe fast? Our numerous full-service and

stocking sites throughout the country ensure we'll have the pipe you need, usually within one day's delivery of most jobs.

### You make the call.

HDPE is the new standard in the energy field. And the HDPE supplier of choice is ISCO Industries. Call us today at 1-800-345-ISCO (4726).

For HDPE, engineers know. Just call...

# 1-800-345-ISCO



#### CORPORATE HQ

ISCO Industries, LLC  
926 Baxter Avenue  
Box 4545  
Louisville, Kentucky 40204  
Tel. 800.345.4726  
Fax 800.831.4726  
www.isco-pipe.com



## Setting the standard...

# HDPE in Energy Solutions



Coming through.

# ENERGY

## HDPE. THE SMART CHOICE

Over the past thirty years, few advancements in the energy marketplace have been as important as the growing use of high density polyethylene pipe, or HDPE.

The very properties of HDPE make it a perfect choice for oil patch, and oil and gas gathering systems. HDPE's excellent impact resistance, high tensile strength, low moisture absorption, chemical and corrosion resistance, and ease-of-handling and installation make it the "go-to" piping choice.



### HDPE has many energy applications:

- Transportation in all three production phases; crude oil, natural gas & brine, or produced liquids in gathering and return applications – before and after separation
- Waste and drain water, acidic or alkaline water
- Carbon dioxide service and sour gas operations
- Slipline old oilfield service lines
- Methane recovery from coal seams
- Water supply lines for drilling operations

### HDPE – capabilities plus!

- Meets requirements of American Petroleum Institute specification API 15LE
- Meets requirements of ASTM D2513, PE 2406 and PE 3408 for Thermoplastic Gas Pressure Pipe
- Resistant to the adherence of scale and other deposits, including paraffin, especially under moderate or high flow conditions
- Can be joined together or transitioned to other materials with flanges, mechanical connections, or transition fittings
- Flexes, bends and absorbs impact loads over a wide range of conditions
- Pipe can absorb surge pressure, vibration and stresses caused by soil movement
- Excellent abrasion resistance, low notch sensitivity and high tear strength
- Smaller diameter pipe can be squeezed off to stop flow, then reused
- Long coil lengths and joints of 40'+ reduces number of joints and speeds installation
- Pipe can be curved over, under or around obstacles, reducing the number of fittings and lowering installation costs
- Tolerates most downhole corrosion inhibitors, hot spoils and sour gas
- Not prone to electrolytic action, not requiring cathodic protection
- Operating service temperature of -30 F to 140 F
- Operating service pressure up to 265 psi
- Handles freezing water better than traditional metal piping
- Maintains high fluid flow properties throughout its service life due to excellent chemical and abrasion resistance
- Long term economy, value, and dependability



### Fast Fusion Mobile Fusion

One of the most dramatic developments in fusion technology is centered around the engineering of the Fast Fusion™ MobileFusion Trac 20 machine. This self-propelled, self-contained tracked fusion machine incorporates mobility, efficient pipe handling, and a patented enhanced cooling system to dramatically increase production capacity and the number of fusion welds per hour. Depending on the fusion equipment installed in the cab, the unit can butt fuse 2" up to 20" OD / HDPE. The process is unaffected by time of day and inclement weather, and the in-cab cooling system delivers easier, quicker completed fusion welds up to 70% faster.

