



The Key To Increased Welding Productivity And Profits

Looking for the key to consistent welds under the most challenging situations? Look to Praxair® StarGold™ argon-based shielding gases. Our argon-based family of blends is available for top-quality welding in a variety of precision formulations. Praxair StarGold blends are also designed to meet your specific Gas Metal Arc Welding (GMAW or MIG/MAG) application requirements.

Top Quality And Consistency

Every Praxair StarGold shielding gas blend you order is mixed consistently at every level. Praxair's patented Starblend™ mixing system technology is specially designed for maintaining mixture integrity with argon-based blends containing carbon dioxide. Complete evacuation and purging of empty cylinders is required before filling using our patented eductor tube blending system. There's no residual gas waste from stratification so you can use all the gas you've ordered every time — while also reducing your costs.

Who Benefits From Praxair StarGold Argon-Based Blends?

Anyone who welds carbon and low alloy steel...manufacturers of:

- Steel structures
- Automotive OEM and repair
- Poles, rebar and frames
- Motorcycles



PRAXAIR® STARGOLD™ GASES: ARGON-BASED BLENDS FOR GENERAL FABRICATION OF MILD STEEL



- Ships
- Trailers, tractors, plows, farm equipment and implements
- Pressure vessels
- Transformers
- Lawn mowers and garden equipment
- Air conditioners
- Office furniture
- Steel girders and beams
- Related sheet metal products

What Do They Say About Praxair StarGold Shielding Gases?

Users of Praxair StarGold blends report reduced spatter with little or no residual slag, so there's little or no post-weld cleanup. This allows welders to spend more time welding, for greater productivity. Praxair StarGold blends also improve your operation by producing less overwelding, reduced grinding, less fume and faster travel speeds. You get better weld bead shape and excellent weld metal mechanical properties.

StarGold

More Than A Gas Blend

When you select the Praxair StarGold blend that's right for your application, you also select consistent, dependable Praxair service and technical expertise. Nearly a century of experience helps make Praxair the leader in shielding gases technology. Let us help you solve your most challenging welding problems while improving your welding performance, productivity and profits. You can rely on Praxair.

The Praxair Difference

■ Comprehensive, High-Quality Product Line

A full range of pure gases, mixtures, gas handling equipment, supply systems and related products and services.

■ Application-Based Solutions

Sales, production and research capabilities to supply you with the technical solution that best suits your needs around the world.

■ Reliable Production And Distribution Network

Production plants and more than 600 distribution locations in North America — all serving you with the gases you need, when and where you need them.

■ Outstanding Technical Support

A highly trained team of field sales representatives, shielding gases engineers and technical service personnel work in concert with dedicated market specialists to quickly provide the guidance and cost-effective solutions you deserve.

■ Global Supplier

Production, distribution and application technology in over 40 countries.

Praxair StarGold Family Of Argon-Based Blends

- Argon/Oxygen
 - Praxair StarGold O-1, O-2, O-5
- Argon/Carbon Dioxide
 - Praxair StarGold C-5, C-10, C-15, C-20, C-25, C-40, C-50
 - Praxair Mig Mix Gold Blend
- Argon/Carbon Dioxide/Oxygen
 - Praxair Stargon Blend

All In The Family: Praxair Star™ Gases And Blends

Praxair Star™ gases and blends are unsurpassed. These shielding gases are ideal for Gas Metal Arc Welding (GMAW or MIG/MAG), Gas Tungsten Arc Welding (GTAW or TIG), Flux-Cored Arc Welding (FCAW), Plasma (PAC, PAG, PAW) and Laser applications, including:

- Praxair StarGold™ Gases — Argon-based blends for general fabrication of mild steel.
- Praxair Stargon™ Blend — The standard for versatile high-speed welding of mild steel.
- Praxair Mig Mix Gold™ Blend — High-productivity mild steel welding.
- Praxair HeliStar™ Gases — Helium-enhanced blends for increased productivity on stainless steel, aluminum, copper and some carbon steel welding applications.
- Praxair HydroStar™ Gases — Hydrogen-enhanced blends for increased productivity during GTAW, plasma welding, gouging and cutting of stainless steel.
- Praxair LaserStar™ Gases — Enhanced quality and purity to meet demanding laser needs.

North America

World Headquarters
Praxair, Inc.
39 Old Ridgebury Road
Danbury, CT 06810-5113
USA
Tel: 1-800-PRAXAIR
(1-800-772-9247)
(716) 879-4077
Fax: 1-800-772-9985
(716) 879-2040

Canada, Mexico,
Puerto Rico, USA

South America

S.A. White Martins
Rua Mayrink Veiga, 9
Rio de Janeiro, RJ 20090-050
Brazil
Tel: 55 (21) 588-6622
Fax: 55 (21) 588-6794

Argentina, Bolivia, Brazil,
Chile, Colombia, Ecuador,
Paraguay, Peru, Uruguay,
Venezuela

Europe

Praxair Europa
Calle Orense, 11
28020 Madrid
Spain
Tel: 34 (91) 556-1100
Fax: 34 (91) 555-4307

Austria, Belgium, Bulgaria,
Croatia, Czech Republic,
France, Germany, Hungary,
Israel, Italy, The Netherlands,
Poland, Portugal, Romania,
Slovenia, Spain, Turkey

Asia

Praxair Asia, Inc.
541 Orchard Road
#20-00-Liat Towers
Singapore 238881
Tel: (65) 736-3800
Fax: (65) 736-4143

Australia, India, Indonesia,
Japan, People's Republic of
China, Singapore, South Korea,
Thailand

For more information, or a more detailed listing of Praxair's international locations, visit our Web site.

Internet: www.praxair.com
e-mail: info@praxair.com

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