



ProStar® Welding Wire

*The welder's choice
for the highest quality
and best value.*



Available in 2 lb., 12 lb., 33 lb., 44 lb. and 60 lb. spools, and 330 lb., 660 lb., 990 lb. and 1200 lb. PAC's



CNC Automated Cutting

Metal Forming

Material Handling

Welding Automation

Environmental Controls

Making our planet more productive™



ProStar™ Premium Quality Twist-Free Wire

Metal fabricators depend on ProStar wire for its twist-free characteristics, exceptional performance and superior consistency.



ProStar Welding Wire



Brand Y

ProStar welding wire has superior consistency resulting from tight chemistries and strict control of the cast, helix and twist characteristics.

For over 14 years, ProStar wire has been produced at a single ISO-certified mill specifically chosen for its ability to consistently draw extremely clean green rod. Critical manufacturing equipment is routinely replaced to insure the highest possible quality.

By exercising tight control over the selection of the rod, the drawing process and the alloying elements, we insure ProStar welding wire will have the most consistent columnar strength available in the industry today:

- Pull ProStar wire longer distances to the weld cell with excellent arc starts
- Larger parameter optimization window than with competitive wires

Check for Wire Twist!

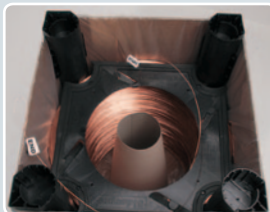
4 inches
90°
30 feet
Maximum one 360° rotation in 30 feet

Check for wire twist for any weld wire you are considering. Weld wire without our twist-free characteristic will result in major intermittent feeding issues during your manufacturing process.

Make a small wire loop. Ask someone to hold the loop while you pass wire from the PAC through the loop. Make a 90° bend in the last 4–5 inches of the wire. Hold the wire end as you pull 25–30 feet of wire from the PAC. The wire should naturally rotate clockwise no more than one full rotation over 30 ft.

If your welding wire fails this simple test, contact your local Praxair representative or call 1-800-225-8247 to find out how the ProStar welding wire system can help improve your productivity!

Packaged for Productivity



New High-Performance Package Design

Packaging for the ProStar welding wire system has been redesigned to reduce moisture vulnerability and provides even better feedability.

- Double plates and corner supports improve feedability and eliminate tangling due to material handling.
- Easy package dismantling
- 50% of the package is 100% recyclable plastic, 25% recyclable cardboard, 25% wood.
- All hoods supplied free of charge.

Our new packaging is being phased in as inventories of current packaging allow.

ProStar Welding Wire System

24/7 Continuous Wire Feed System for Robotic Welders

ProStar welding wire systems feature our exclusive wire packaging and maintenance-free conduit designed for twist-free, low-drag, 24/7 wire delivery to your welder.



The ProStar welding wire system features an automatic switchover device that can provide a continuous supply of welding wire for robotic welders.

How it Works

A butt-welding machine joins the wire end of the primary PAC to the wire-start of the next full PAC. When the primary PAC is empty, the boom automatically switches from the primary PAC to the reserve PAC without any operator intervention.

After replacing the original PAC with a full PAC, the operation is repeated in the opposite direction, again and again, providing a continuous, uninterrupted supply of ProStar welding wire.



Welding Wire Conduit System

This specially designed conduit yields longer tip and liner life, greater uptime and is maintenance free.

The ProStar welding wire system offers:

- Palletted PACs
- Wire sealed inside a plastic bag with desiccant packs to help prevent rust. Smaller spools are also available.
- Double-stacking design and standard “foot print” for all PAC sizes helps reduce required storage space.
- Forklift-friendly pallet design for all PAC sizes
- Unique corner supports inside the PAC prevent box deformation
- Excellent feedability
- Minimizes burn-backs and bird-nesting
- Proprietary wire-winding process minimizes arc wander.
- Wire quantity view port on all PACs.

An optional electronic wire quantity monitor is available. The electronic monitor will stop a robot welder and sound an alarm when the wire has run out.

The specially designed welding wire conduit system reduces wear and tear on wire feed motors and eliminates inconsistent feeding through tight bends, wire scraping and wire drag.

The ProStar welding wire system helps you:

Increase Productivity – eliminate wire pack changeover downtime (labor and equipment) and repairs caused by out-of-wire interruptions.

Improve Profitability. Allows greater utilization of robots and automatic setups.

Maximize Savings. Useful and convenient for multiple robot cells operation. Helps eliminate wire waste.

Save Floor Space. Wire PAC can be located up to 150 feet from the robot cell.

ProStar™ Welding and Cutting Products



With our in-depth inventory, strategically located warehouses and sophisticated order processing systems, your order is filled directly from our shelves and shipped the same day if ordered before 4 p.m.

Quality, Availability, Value

Metal fabricators depend on the *ProStar* brand for high-quality welding and cutting products at the best value. Behind each *ProStar* product is the same industry-leading experience and commitment to innovative leadership that has positioned Praxair as the largest supplier of industrial gases and gas blends in North and South America and one of the largest worldwide.

Reliable Distribution Network

Whether you visit one of our over 400 strategically located stores, call your local customer service representative or order online through the Praxair Express™ extranet (www.express.praxair.com), you'll receive the same customer-focused service and on-time delivery that metal fabricators in North America have come to expect from Praxair.

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