



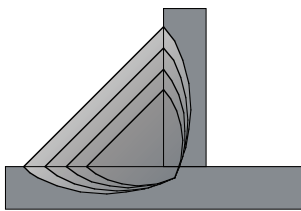
Premium Quality Twist-Free Robotic Welding Wire

PROSTAR® Twist-Free Robotic Welding Wire provides the best and most logical solution for heavy fabricators who need to achieve the highest productivity and efficiency in their robotic and automatic welding operations.

Due to its excellent feedability, PROSTAR Twist-Free Robotic Welding Wire minimizes burnbacks and bird-nesting, and helps eliminate arc wander. It also minimizes weld defects due to off-seam tracking, and improves weld consistency.



Side by Side Performance Characteristics



PROSTAR Twist-Free Robotic Welding Wire aids in controlling an ideal weld bead size, reducing excess metal, indirect labor and grinding.

Conventional Welding Wire	PROSTAR® Twist-Free Robotic Welding Wire
Three dimensional flip and rotation at the arc	Arc and weld will be at the tool point of the MIG torch
Oversized welds	Ideal sized weld beads
Rough weld surface conditions which may require grinding or shot blasting	A smoother weld
An electrically hot and exposed wire, with possible electric shock hazard	An electrically safer product
An accumulation of shop dust and dirt on the wire	Clean wire – no shop dust and dirt
Package disposal problems	A completely recyclable and easy to dispose of package
Typical contact tip wear after using conventional wire from standard spools. Tip wear is irregular and contact unreliable, producing costly spatter (after 100 pounds of wire).	Typical contact tip wear after using PROSTAR Twist-Free Robotic Welding Wire. Tip wear is uniform, with reliable performance and longer tip life (after 300 pounds of wire).

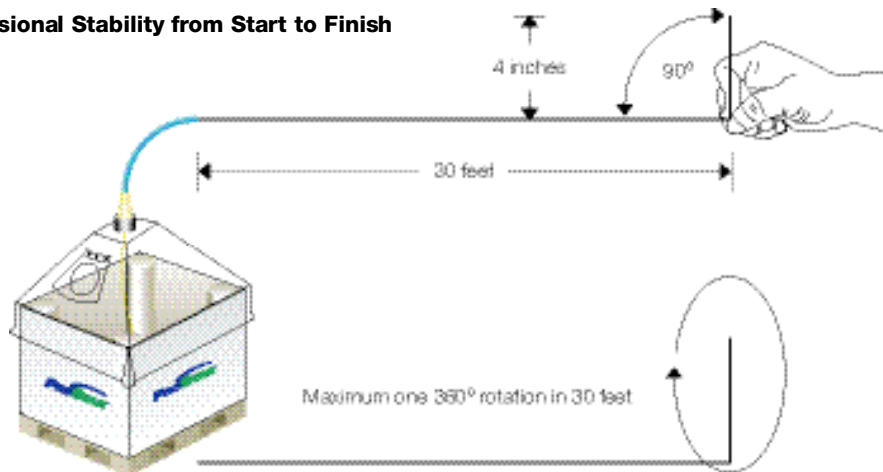
PROSTAR's Superior Three-Dimensional Stability from Start to Finish

Demonstrate for yourself:

- Bend four inches of the wire at 90 degrees (as shown in the picture).
- Firmly hold the wire with your fingers. Pull out 30 feet of wire, release the bent wire end and check the rotation.

Observe the following:

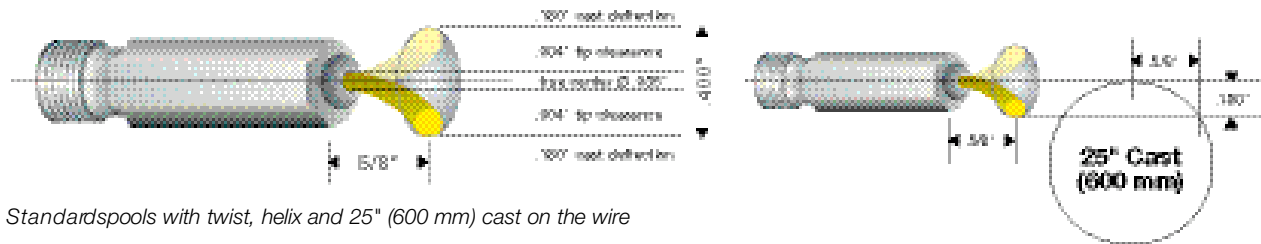
The wire should not rotate more than 360 degrees in 30 feet. This will remain the same whether you test at the beginning, middle or end of the PROSTAR PAC.



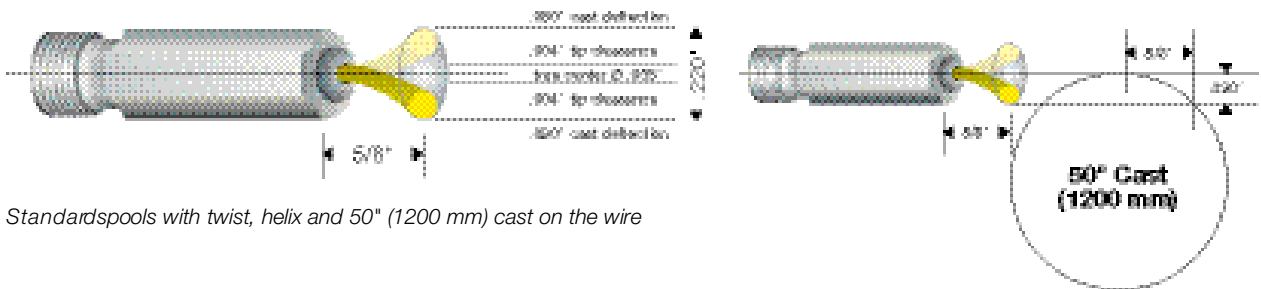


Gas Metal Arc Welding (GMAW or MIG) Wire Solutions

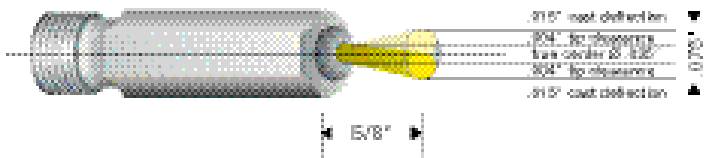
Performance Comparison Between Conventional Welding Wire on Spools and PROSTAR® Twist-Free Robotic Wire — Twist, Helix and Cast



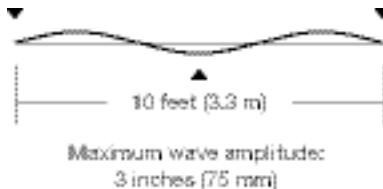
Standard spools with twist, helix and 25" (600 mm) cast on the wire



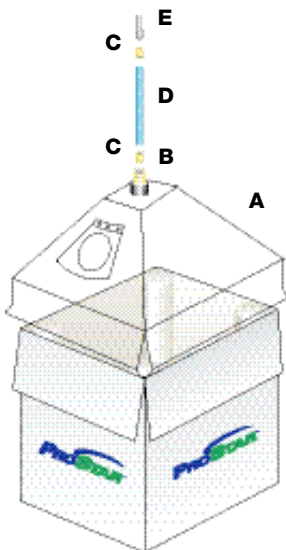
Standard spools with twist, helix and 50" (1200 mm) cast on the wire



PROSTAR Twist-Free Robotic Welding Wire: no twist, helix or cast per 30 feet tested



Accessory Ordering Information

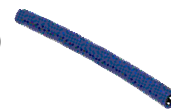


A Plastic Dome (330/660 lb)
Part Number GPLWPT2X



Plastic Dome (990 lb)
Part Number GPLWPT2

D Wire Liner (order by the foot)
Part Number PIPWPT5



B Dome Quick Disconnect Adapter
Part Number PIPWPT3



E Wire Feeder Adapter
Part Number PIPWPT6



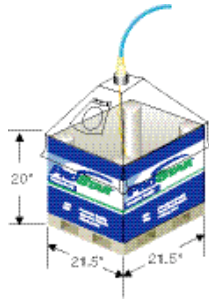
C Male Quick Disconnect Adapter
Part Number PIPWPT4



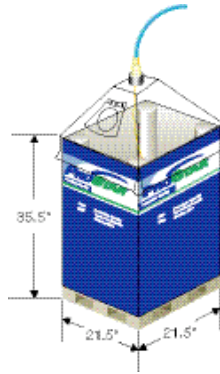


**Twist-Free Robotic Wire
Available Packaging**

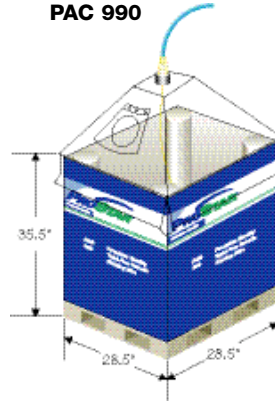
PAC 330



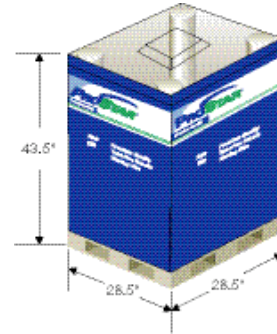
PAC 660



PAC 990



PAC 1200



**ER70S-6 – PAC 330
(330 lb/150 kg)**

Wire Dia.	Part Number
.030"	PRSS6RW08Q150
.035"	PRSS6RW09Q150
.040"	PRSS6RW10Q150
.045"	PRSS6RW11Q150

**ER70S-6 – PAC 660
(660 lb/300 kg)**

Wire Dia.	Part Number
.030"	PRSS6RW08Q300
.035"	PRSS6RW09Q300
.040"	PRSS6RW10Q300
.045"	PRSS6RW11Q300
.052"	PRSS6RW13Q300

**ER70S-6 – PAC 990
(990 lb/450 kg)**

Wire Dia.	Part Number
.035"	PRSS6RW09Q450
.040"	PRSS6RW10Q450
.045"	PRSS6RW11Q450
.052"	PRSS6RW13Q450
.062"	PRSS6RW16Q450

**ER70S-6 – PAC 1200
(1200 lb/550 kg)**

Wire Dia.	Part Number
.035"	PRSS6RW09Q550
.040"	PRSS6RW10Q550
.045"	PRSS6RW11Q550
.052"	PRSS6RW13Q550
.062"	PRSS6RW16Q550

ER70S-3 – PAC 660 (660 lb/300 kg)

Wire Dia.	Part Number
.035"	PRSS3RW09Q300
.045"	PRSS3RW11Q300
.052"	PRSS3RW13Q300

ER70S-3 – PAC 990 (990 lb/450 kg)

Wire Dia.	Part Number
.035"	PRSS3RW09Q450
.045"	PRSS3RW11Q450
.052"	PRSS3RW13Q450
.062"	PRSS3RW16Q450

**ER80S-D2 – PAC 330
(330 lb/150 kg)**

Wire Dia.	Part Number
.035"	PRSD2RW09Q150

**ER80S-D2 – PAC 660
(660 lb/300 kg)**

Wire Dia.	Part Number
.045"	PRSD2RW11Q300

**ER80S-D2 – PAC 990
(990 lb/450 kg)**

Wire Dia.	Part Number
.045"	PRSD2RW11Q450

**ER80S-D2 – PAC 1200
(1200 lb/550 kg)**

Wire Dia.	Part Number
.045"	PRSD2RW11Q550
.052"	PRSD2RW13Q550

24/7 Non-Stop Welding Wire Feeding System

The new 24/7 Non-Stop Welding Wire Feeding System is an automatic switch-over device that provides continuous supply of welding wire for the robotic operation. Developed exclusively for the ProStar® 1200 lb Welding Wire PAC's, this patent pending system improves efficiency and maximizes profitability.

The 24/7 system helps you:

- Increase Productivity - eliminate wire pack changeover downtime (labor and equipment), and repairs caused by out-of-wire interruptions.
- Improve Profitability - allows 24/7 utilization of robots and automatic setups.
- Maximize Savings - particularly useful and convenient in multi-robot cell operations.
- Save Floor Space - wire pack can be located up to 150 feet from the robot cell.
- Just-In-Time Inventory - receive your new pack of wire only when you need it.

How It Works

A butt-welding machine joins the wire-end of the primary wire pack to the wire-start of the next full pack - this process only takes a few seconds. When the primary pack is empty, the boom automatically switches from the primary pack to the reserve pack, without operator intervention. After replacing the original pack with a new full pack, this operation is then repeated again and again, allowing a continuous, uninterrupted supply.

Don't Run Out Of Wire - Just In Time

Praxair offers the convenience and savings of receiving new packs of wire just before you are running out. A Low Wire Level Sensor can be installed on the side of the wire packs and sends a signal to the robot control panel, indicating the wire is running low. This automatically triggers an e-mail to Praxair's Customer Service, alerting the need of a new shipment. No hassle, just in time.

Ordering Information

Description	Part Number
24/7 Boom	SID24/7BOOM
24/7 Butt Welder	SID24/7WELDER
Low Wire Level Proximity Sensor	SID24/7SENSOR
Wire Liner (plastic)	PIPWPT5 (order by the foot)
Wire Conduit (flat wire mono coil)	SIDPRSCONDUIT-Y (order by the foot - USA) (order by the metre - Canada)

