

# SPECIALTY GASES

**PURITYPLUS® SPECIALTY GASES BY WELDSTAR**



## A complete line of specialty gases and high-performance gas handling equipment.

**PurityPlus® Specialty Gases by Weldstar** offers a complete line of specialty gases manufactured and packaged to your specifications. From our sophisticated laboratories, to the expertise of our customer service and technical representatives, our customers can be assured that they are receiving the most accurate mixtures possible.

*"The Weldstar team has been a key reason for Temprite's growth and continuing success over the past 15 plus years.*

*While they do the fundamentals very well - delivering quality welding supplies on time and at competitive prices, they are also vitally important in recommending, showing, demonstrating, and offering training for new welding and cutting technologies.*

*This is important as we venture into more complex vessel weldment designs where welding and cutting labor are larger components of the product cost.*

*The people at Weldstar are diligent, personable, and sincere. They take the time to learn the challenges we face and then come up with several solutions for us to consider.*

*It's a pleasure doing business with these guys. They really care!"*



**JIM NONNIE**  
Executive Vice President

## What makes Weldstar /Depke Unique?

With PurityPlus® Specialty Gases by Weldstar, it's all about certified purity and local availability. With facilities in northern Illinois and Indiana, Weldstar has become one of the strongest independent specialty gas producers in the country. Our production facility, located in University Park, Illinois is certified by an independent third party source to the highest quality standards. Certified purity and reliability is assured through cylinder preparation, dedication by gas service, gas purification, quality control, and statistical quality assurance.



## In-House Production.

By filling many specialty gases in-house, we can maintain strict quality controls and reduce lead times on all specialty gases that we produce. Besides producing high quality mixtures, Weldstar's specialty gas division utilizes the most advanced techniques to guarantee analytical precision.

AURORA, IL | (630) 859-3100  
MACHESNEY PARK, IL | (815) 904-6950  
UNIVERSITY PARK, IL | (708) 534-8561  
LOGANSPORT, IN | (574) 722-1177  
SOUTH BEND, IN | (574) 344-4077  
KENOSHA, WI | (262) 771-1177



OLD VALUES...NEW IDEAS

weldstar.com



depke.com

DANVILLE, IL | (217) 446-8814  
KANKAKEE, IL | (815) 933-5581  
URBANA, IL | (217) 367-1139

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## PURE GASES

Acetylene  
Air  
Ammonia  
Argon  
1,3-Butadiene  
n-Butane  
1-Butene  
CIS-2-Butene  
Carbon Dioxide  
Carbon Monoxide  
Carbonyl Sulfide  
Chlorine  
Deuterium  
Dimethyl Ether (DME)  
Ethane  
Ethylene  
Helium  
Hexafluoropropylene  
Hydrogen  
Hydrogen Bromide  
Hydrogen Chloride  
Hydrogen Sulfide  
Isobutane  
Krypton  
Methane  
Methyl Chloride  
Methyl Fluoride  
Methyl Mercaptan  
Neon  
Neopentane (Dimethylpropane)  
Nitric Oxide  
Nitrogen  
Nitrogen Dioxide  
Nitrogen Trifluoride  
Nitrous Oxide  
Octafluoropropane (HC-218)  
Oxygen  
Propane  
Propylene  
Sulfur Dioxide  
Sulfur Hexafluoride  
Tetrafluoromethane (HC-14)  
Trimethylamine (TMA)  
Xenon

# PurityPlus<sup>®</sup>

Specialty Gases

by 

## MIXED GASES

Ammonia  
Argon  
n-Butane  
Carbon Dioxide  
Carbon Monoxide  
Ethane  
Ethylene  
Helium  
Hexane  
Hydrogen  
Hydrogen Sulfide  
Isobutane  
Methane  
Nitric Oxide  
Nitrogen  
Nitrogen Dioxide  
Nitrous Oxide  
Oxygen  
n-Pentane  
Propane  
Propylene  
Sulfur Dioxide  
Sulfur Hexafluoride  
Multi Mixtures



## SPECIAL APPLICATION MIXTURES

Food Packaging Gases  
Biological Atmosphere Gas Mixtures  
Electron Capture Mixtures  
Nuclear Counter Mixtures  
EPA Protocol Mixtures  
Portable Calibration Standards  
Flame Ionization Fuel Mixtures  
Leak Detection Mixtures  
Laser Mixtures  
TCD Carrier Gas Mixture  
Spark Chamber Mixtures  
Multicomponent Hydrocarbon Mixtures  
Liquid Hydrocarbon Mixtures  
Semiconductor Gases  
Medical Gases



## GAS HANDLING EQUIPMENT

Regulators  
Gas Detection Systems  
Manifolds  
Cylinder Connections  
Purge Assemblies  
Stainless Steel Tubing and Fittings  
Flowmeters

Stainless Steel Flex Hose  
Purifiers and Filters  
Bio/Medical/Cryogenic Equipment  
Valves

