



Specification Sheet: Specialty Gas Cylinders

Gas Purity Protected, Performance Assured.

Luxfer's specialty gas cylinders feature an outstanding internal finish to preserve the integrity of reactive gases. Engineered to provide a stable environment, our cylinders help to prevent unwanted reactions and enable consistency for rare, reactive and ultra-high purity gas mixtures.

Engineered for Gas Purity and Stability.

Our specialty gas cylinders are expertly engineered to meet the highest standards of performance and reliability. Designed to handle a wide range of rare, volatile, specialty, and ultra-high purity gases, our gas cylinders are fundamental to producing the highest quality stable gases for specialty gas applications.

What Sets Us Apart?

Luxfer specialty gas cylinders are distinguished by their superior internal finish, which minimizes contamination and preserves the integrity of reactive gases. These cylinders are specifically designed to provide a stable environment, preventing unwanted reactions and ensuring a consistent composition for a complete range of gases, including the more challenging gas blends.

Applications

Our cylinders help to enable extended shelf life and consistent gas quality, which is crucial for equipment involved in a variety of applications, including:

- Laboratory and Research Activities.
- Semiconductor and Wafer Fabrication Manufacturing.
- Environmental Monitoring.
- Hazardous Gas Detection Systems in the Marine Industry.
- Stack Emission Monitoring.
- Safety and Industrial Hygiene.

Specialty Gas L6X TPED

Part Number	Water Volume (l)	Service Pressure (bar)	Diameter (mm)	Length (mm)	Weight (kg)	Thread Size	Collar
A285/1/Q	0.5	200	70	230	0.72	17E	
A938/1/N	1	200	102	240	1.54	25E	Yes
A695/1/Q	1	200	102	240	1.68	17E	Yes
A618/1/Q	1	200	102	240	1.68	17E	
A834/1/Q	2	200	102	390	2.70	25E	Yes
A634/1/Q	2	200	102	395	2.70	25E	
A637/1/Q	2	200	102	395	2.60	17E	
P3330N	2.16	200	117	351	3.06	25E	Yes
P3044Z	3	200	117	455	4.07	25E	Yes
P3332N	5	200	140	530	6.63	25E	Yes
P3339N	5	200	152	460	7.02	25E	Yes
P3340N	10	200	140	965	11.59	25E	Yes
P3338N	10	200	176	660	12.91	25E	Yes
P3333N	20	200	204	960	24.76	25E	Yes
P3347N	40	200	229	1440	45.31	25E	Yes
P3342N	50	200	250	1500	57.06	25E	Yes

At Luxfer Gas Cylinders, we have products available for other global standards. For information on different standards and approvals, please contact us.

The Benefits of Luxfer Aluminum Cylinders

- **Superior Internal Finish:** Luxfer has developed an internal finish that has dramatically improved upon the market's standard cylinder package. This internal surface results in greater stability and longer shelf life for a complete range of gases.
- **Premium Cylinder Quality:** High-quality aluminium cylinders provide a stable environment for specialty gases, helping to maintain gas purity and stability.
- **Leadtime and Service:** At Luxfer we ensure excellent customer service with efficient lead times for our customers. Our premium support team provides seamless technical guidance and attentive customer care, empowering the success of specialty gas applications.

Why Choose Luxfer?

- **Integrity and Safety:** Leveraging our expertise, we deliver high-quality gas cylinders through extensive inspection, controlled manufacturing, and strict safety standard compliance.
- **Proven Expertise:** At Luxfer Gas Cylinders, we have over 50 years of industry leadership and a global presence across all major gas industries.
- **Innovators in Cylinder Technology:** We pioneered cold-extruded aluminum cylinders and offer a wide range of high-performance options.
- **Sustainability:** Committed to environmental responsibility, Luxfer uses low-carbon materials and sustainable manufacturing practices, including manufacturing in the UK, to contribute to a greener planet.