



G-Stor™ Go

Type 4 Cylinders

Luxfer's G-Stor Go Type 4 composite cylinders for compressed natural gas (CNG) are available in an extensive range of sizes suitable for medium-duty and heavy-duty vehicle fuel systems.

Luxfer's G-Stor Go Type 4 composite cylinders for compressed natural gas offer market-leading storage efficiency and are available in a range of sizes ideal for refuse trucks, class-8 heavy-duty over-the road and medium-duty natural gas vehicle fuel systems. Advanced G-Stor Go cylinders are the best choice for end-users and fuel system manufacturers requiring cylinders with outside diameters of 17 inches or larger. Luxfer introduced the G-Stor Go product line in 2013, and our engineering team significantly improved the design to give the market an even better product in 2016. The G-Stor Go cylinder offers up to a 9 percent increase in volume and offers up to a 15 percent weight savings over our previous design. G-Stor Go cylinders have 14 percent more volume and a 30 percent weight saving compared to conventional hybrid cylinders.



LUXFER
GAS CYLINDERS

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Available in an extensive range, Luxfer's lightweight G-Stor Go cylinders are built around a purpose-engineered 6061 aluminum alloy boss and polymer liner interface designed to ensure the highest levels of performance and gas retention. Luxfer's Type 4 liners are purposely dimensioned to maximize capacity. Cylinders feature high-strength carbon fiber and epoxy matrix overwraps instead of the combination carbon and fiberglass hybrid overwrap often seen in conventional products. Designed with the optimal balance between weight and durability, our G-Stor Go product offering is the broadest in the NGV industry, ranging from 17 inches to 27 inches in diameter and from 40 inches up to 140 inches in length, the longest tank in the industry.

Benefits:

- Increases capacity while reducing cylinder weight.
- Lightweight cylinders designed to offer the optimal balance between weight and durability.
- Larger cylinder diameters from 17 to 27 inches and lengths from 40 to 140 inches.
- Available with Luxfer's exclusive fast-venting, reliable pressure-relief device (PRD).
- A lightweight boss and high-density polymer liner interface designed to ensure the highest levels of performance and gas retention.

Benefits of Compressed Natural Gas:

- Significantly safer to store than liquid fuels – Leaks disperse into the air instead of on the ground.
- Field-proven deployment – There are over 25 million natural gas-powered vehicles and over 30 thousand refueling stations around the world. (Source: ngvglobal.org).
- Cleanest burning transportation fuel on the market today.
- Renewable Natural Gas (RNG) in the transportation sector is the only solution that is carbon net-negative. This means that carbon emissions are reduced by over 100 percent.

Diameter		Length		CNG capacity		Weight		Water volume	DGE equivalent	GGE equivalent	Service pressure	Neck mount	Part number
in	mm	in	mm	ft ³	m ³	lb	kg	l	US gallon	US gallon	bar		
22.2	564	60	1524	2994	85	142	64.5	287	21.5	24.1	248	No*	G2260-2
22.2	564	86	2184	4266	121	195	88.6	410	30.7	34.4	248	Yes	G2286-2
26.5	673	60	1524	3913	111	193	87.7	376	28.2	31.6	248	Yes	G2660-2
26.5	673	80	2032	5723	162	262	119.1	550	41.2	46.2	248	Yes	G2680-2
26.5	673	90	2286	6639	188	285	129.5	638	47.8	53.5	248	Yes	G2690-2
26.5	673	108	2743	8282	235	358	162.7	795	59.6	66.8	248	Yes	G26108-2
26.5	673	120	3048	9365	265	399	181.4	900	67.4	75.5	248	Yes	G26120-2
27.0	685	81	2057	6025	171	278	126.4	579	43.3	48.6	248	Yes	G2781-2

All parts have a service pressure of 248 bar.

Density of CNG = 0.0424 lb/cu-ft. 1 U.S. gallon of diesel/gasoline = 139/124 scf of CNG.

All cylinders are dual-ported, unless otherwise noted, with boss thread connection = 1 1/8 - 12 UNF - 2B.

Other sizes and custom cylinder lengths and size configurations are available upon request with minimum order. Approved pressure relief device must be used for fire protection.

Cylinder specifications are nominal values and are subject to change without notice.

Call **+1 800 764 0366** to place your order

or visit **www.luxfercylinders.com** for more information

