



IMPROVING LIFE FOR FUTURE GENERATIONS



inflex
CNG TANKS

What do we offer ?

EXPERIENCE – We have over 45 years of experience in the production of recipients for highly pressurized gases. We rapidly developed and improved our technology for NGV cylinders, and started exporting our products. We have exported our products to over 50 countries, being present in the market-share of every continent.

QUALITY – We are an ISO9001 certified company and all our production is witnessed and audited by a Third Party Control Agency. We also have our own company's standards of quality, which are more demanding than the certification's requirements.

DIVERSITY – We comply with different certifications around the world, among them R110 for Europe, NGV2/DOTfmvss304 for the USA, IRAM2526/2533 for Argentina, NZS5454, ISO 11439/9809, among many others.

RELIABILITY – We pride ourselves on our worldwide unmatched record in safety, having zero accidents throughout all our history.

UNIQUE MARKET SHARE – Up to date, Inflex has sold over 4.5 million cylinders. The estimated Worldwide fleet is around 13.2 million, so Inflex cylinders represent a 34% of the world's fleet.x

INNOVATION – We develop, design and manufacture custom-made solutions to satisfy our customer's requirements and needs.

There's an Inf



INFLEX TYPE 1 SEAMLESS STEEL TANK

- NGV2:2007 certified, compliant with DOTfmvss304.

Seamless steel cylinders, manufactured by spinning process, with Tenaris pipes. Only the best raw materials are used, to ensure full reliability and safety.

- Excellent economy efficiency: solution of great performance and low cost.
- High level of versatility, for the widest range of applications: forklifts, three wheelers, cars, vans, pick-ups, SUVs, trucks, buses.
- Simple or double threading according to customer's requirement.
- Color according to customer's requirement.
- Customized marking available.
- Over 4,5 million of tanks manufactured.



INFLEX TYPE 2 FIBERTECH TANK

- Steel liner reinforced with glass fibre hoop-wrapping.
- Filament winding technology.
- 100% revision by ultrasound.
- Less weight, with more autonomy.
- Specially designed and used for high pressure applications (4350 psi, 4500 psi, and above).

flex cylinder for eve

Type 1 Cylinders - NGV2:2007 & DOT fmvss 304

Diameter	Water Capacity in Litres	Nominal Length		Nominal Weight		GGE approx.*	DGE approx.**
		in mm	in inches	in kgs	in lbs		
Ø 10.75" 273mm	40	893	35,2	52,6	116,0	3,5	3,1
	50	1086	42,8	61,9	136,5	4,4	3,9
	60	1280	50,4	71,1	156,7	5,3	4,6
	70	1473	58,0	80,4	177,2	6,2	5,4
	75	1570	61,8	85,1	187,6	6,6	5,8
	80	1667	65,6	89,7	197,7	7,0	6,2
	85	1763	69,4	94,4	208,1	7,5	6,6
	90	1860	73,2	99	218,2	7,9	7,0
	95	1957	77,0	103,6	228,4	8,4	7,3
Ø 12.75" 323.8 mm	40	650	25,6	53,8	118,6	3,5	3,1
	44	735	28,9	59,7	131,6	3,9	3,4
	47	748	29,4	60,5	133,4	4,1	3,6
	50	815	32,1	62,9	138,7	4,4	3,9
	52	842	33,1	64,6	142,4	4,6	4,0
	54	869	34,2	66,2	145,9	4,8	4,2
	56	896	35,3	67,8	149,5	4,9	4,3
	58	909	35,8	69,4	153,0	5,1	4,5
	60	923	36,3	71	156,5	5,3	4,6
	65	990	39,0	75,1	165,6	5,7	5,0
	75	1124	44,3	83,2	183,4	6,6	5,8
Ø 14" 355.6mm	80	1192	46,9	87,3	192,4	7,0	6,2
	100	1460	57,5	103,5	228,2	8,8	7,7
	55	758	29,8	76	168	4,8	4,3
	60	815	32,1	80	177	5,3	4,6
	65	872	34,3	85	187	5,7	5,0
	80	1041	41,0	98	216	7,0	6,2
	85	1097	43,2	102	226	7,5	6,6
	90	1154	45,4	107	235	7,9	7,0
	95	1210	47,6	111	245	8,4	7,3
	100	1267	49,9	115	254	8,8	7,7
	105	1324	52,1	120	264	9,3	8,1
	110	1380	54,3	124	274	9,7	8,5
	120	1493	60,0	133	293	10,6	9,3
125	1549	62,3	137	303	11,0	9,7	
140	1719	69,1	151	332	12,3	10,8	
150	1832	73,6	159	351	13,2	11,6	
160	1954	78,5	168	370	14,1	12,4	
Ø 16" 406.4mm	70	746	30	95	209,4	6,2	5,4
	80	831	33,4	104	228,9	7,0	6,2
	90	917	36,9	113	248,4	7,9	7,0
	100	1003	40,3	121	267,9	8,8	7,7
	110	1089	43,7	130	287,4	9,7	8,5
	120	1174	47,2	139	306,8	10,6	9,3
	130	1260	50,6	148	326,3	11,5	10,1
	140	1346	54,1	157	345,8	12,3	10,8
	150	1431	57,5	166	365,3	13,2	11,6
	160	1517	61	175	385,2	14,1	12,4
	170	1603	64,4	184	405,0	15,0	13,1
	180	1689	67,9	193	424,8	15,9	13,9
	190	1775	71,3	202	444,7	16,7	14,7
	200	1861	74,8	211	464,5	17,6	15,5
210	1947	78,2	220	484,4	18,5	16,2	

*1 GGE = 115.6 ft³

**1 DGE = 131.7 ft³

every application



INFLEX TYPE 4 SPACETECH TANK

- NGV2:2007 certified, compliant with DOTfmvss304.
- 100% Zoltek American Carbon fibre reinforcement.
- HDPE plastic liner.
- Special aluminium bosses design (registered industrial design).
- Excellent efficiency: allows carrying more gas with lower tank weight.
- High level of versatility, for the widest range of applications.
- Double threading 1 1/8" UNF.

TYPE 4 - Ø380 - Working pressure 3600 psi

NOMINAL HYDRAULIC CAPACITY	GAS CAPACITY (@3600psi/294°K)		NOMINAL LENGTH		NOMINAL WEIGHT *		GGE **	DGE **
	wt	m ³	ft ³	mm	inches	kg		
60	16,71	590,11	862	33,94	25,8	56,9	5,1	4,5
65	18,1	639,20	942	37,09	27,7	61,1	5,5	4,9
70	19,49	688,28	998	39,29	29,6	65,3	6,0	5,2
75	20,88	737,37	1054	42,68	31,4	69,2	6,4	5,6
80	22,28	786,81	1110	43,70	33,3	73,4	6,8	6,0
85	23,67	835,90	1166	45,91	35,2	77,6	7,2	6,3
90	25,06	884,99	1223	48,15	37,0	81,6	7,7	6,7
95	26,46	934,43	1279	50,35	38,9	85,8	8,1	7,1
100	27,85	983,51	1335	52,56	40,8	90,0	8,5	7,5
105	29,24	1.032,60	1391	54,76	42,6	93,9	8,9	7,8
110	30,64	1.082,04	1447	56,97	44,5	98,1	9,4	8,2
115	32,03	1.131,13	1504	59,21	46,4	102,3	9,8	8,6
120	33,42	1.180,22	1560	61,42	48,2	106,3	10,2	9,0
125	34,81	1.229,30	1616	63,62	50,1	110,5	10,6	9,3
130	36,21	1.278,74	1672	65,83	52,0	114,6	11,1	9,7
135	37,6	1.327,83	1728	68,03	53,9	118,8	11,5	10,1
140	38,99	1.376,92	1785	70,28	55,7	122,8	11,9	10,5
145	40,39	1.426,36	1841	72,48	57,6	127,0	12,3	10,8
150	41,78	1.475,45	1897	74,69	59,5	131,2	12,8	11,2
155	43,17	1.524,53	1953	76,89	61,3	135,1	13,2	11,6

* Weight does not include shoulder protections.

** 1 GGE = 115.6 IP / 1 DGE = 131.7 IP as per information by America's Natural Gas Alliance



inflex

sales@inflex.com.ar

+54.11.4725-6100

25 de Mayo 1774, San Fernando, Bs As, Argentina.

www.inflex.com.ar