



FlexCo Catalogue

LiftCo Group / www.liftco-group.com





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

1. Qui sommes-nous / Who we are?

Flexco est un département de Liftco spécialisé dans la fabrication et les tests de flexibles ainsi que dans la vente de fournitures et composants hydrauliques et pneumatiques.

Situé au Gabon et au Congo, tous nos produits proviennent des fabricants les plus renommés et respectent les normes internationales.

L'équipe technique de Flexco possède plusieurs années d'expérience dans le domaine des produits et fournitures hydrauliques et pneumatiques et sa mission consiste à satisfaire pleinement et efficacement les besoins de sa clientèle.

Flexco is Liftco's department specialized in the supply, assembly and test of hydraulic, pneumatic and fluid hoses as well as fitting and fluid components.

Located in Gabon and Congo, all fluid components and hoses are sourced from leading international manufacturers and are compliant with international standards.

The Flexco team has several years of experience. Our top priority is customer satisfaction and performance.





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2. Nos machines / Our Machinery

8" Techmaflex type PE350 et 2" Gates Presses





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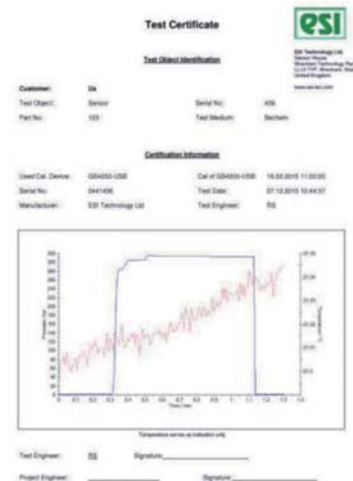


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Banc d'essai de flexibles certifié CE / Hoses Test bench CE certified

Nous disposons d'un banc de test certifié CE pouvant tester des flexibles jusqu'à 1300 bars.

We have a CE certified pressure test bench capable to test hoses up to 1,300 bar.



Atelier mobile / mobile workshop

Afin de répondre aux besoins d'urgence de la clientèle et de réduire au maximum les délais de réparation sur site, nous possédons un atelier mobile de fabrication de flexibles hydrauliques.

in order to meet the emergency needs of our customers and to reduce on-site repair times as much as possible, we have a mobile workshop to manufacture hydraulic hoses on-site.



Fully equipped mobile workshop to assist customer with his on-site needs



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3. Nos magasins / Our Warehouses

Nous disposons d'un large stock de flexibles hydrauliques, industriels, ainsi que d'embouts et raccords tous conformes aux normes internationales.

We have a large stock of industrial hydraulic hoses and fittings, all compliant with international quality standards.



4. Flexibles hydrauliques-raccords / Hydraulic hoses- fittings

Tous nos tuyaux et raccords sont conformes aux standards ISO 1436, SEA J515 et EN 853 à EN 857.

All our hoses and connectors are manufactured to European specifications in compliance with Standard ISO 1436, SEA J515 and EN853 to EN 857.





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flexco.congo@liftco-group.com

5. Flexibles Industriels / Industrial Hoses

Nos flexibles industriels sont fabriqués suivant les spécifications européennes et conformes aux standards internationaux couvrant une grande variété d'applications.

Our industrial hoses are manufactured to European specifications in compliance with international standards covering a wide range of applications.

code	inside diameter		outside diameter		working pressure		burst pressure		weight nominal		bending radius		vacuum	length max	
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch	bar	m	ft
0801193	16	5/8	26	1.02	10	150	30	450	0.45	0.30	60	2.4	0.9	120	400
1439510	25	1	35	1.38	10	150	30	450	0.64	0.43	100	3.9	0.9	120	400
1439502	32	1-1/4	42	1.65	10	150	30	450	0.79	0.53	130	5.1	0.9	120	400
1439537	38	1-1/2	49	1.93	10	150	30	450	1.00	0.67	150	5.9	0.9	120	400
1440829	51	2	62	2.44	10	150	30	450	1.33	0.90	205	8.1	0.9	120	400
1439586	63.5	2-1/2	75	2.96	10	150	30	450	1.91	1.28	255	10.0	0.9	120	400
1439529	76	3	87.5	3.45	10	150	30	450	2.25	1.51	305	12.0	0.9	120	400
0801191	100	3-15/16	113	4.45	10	150	30	450	3.47	2.33	400	15.7	0.9	120	400
1449818	127	5	145	5.71	10	150	30	450	5.63	3.79	510	20.1	0.9	60	200
1440659	152	6	171	6.74	10	150	30	450	7.70	5.17	610	24.1	0.9	60	200



EN Hydraulic oil suction and discharge hose





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
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Flexibles air / Air hoses

Applications: tuyau nappé textile pour refoulement d'air comprimé même avec des traces d'huiles, normalement utilisé en service sévère, pour travaux publics, mines et carrières.
Gamme de températures : de -30°C à +70°C.



Application: softwall hose for compressed air with light traces of oil mist, normally used for heavy duty applications in road construction sites, quarries and mines. Operating temperature range from -30°C (-22°F) to +70°C (+158°F)

Flexibles multi services / Multipurpose hoses



Inner tube: seamless oil, fuel and gasoline resistant synthetic rubber
Reinforcement: 1 high resistance synthetic fiber braid
Outer tube: black wrapped, weather and abrasion resistant synthetic rubber
Safety factor: 3: 1
Application: oil, fuel and gasoline on automotive, and service stations
Temperature range: - 40°C (- 40°F) + 100°C (+ 212°F)

part number	Ø nom	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
			mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
10.1215.03	3/16"	- 3	4,8	0.19	11,1	0.44	2.0	300	6.0	900	50	2.0	0,10
10.1215.04	1/4"	- 4	6,4	0.25	14,0	0.55	2.0	300	6.0	900	60	2.4	0,12
10.1215.05	5/16"	- 5	7,9	0.31	15,5	0.61	2.0	300	6.0	900	80	3.2	0,15
10.1215.06	3/8"	- 6	9,5	0.37	17,5	0.69	2.0	300	6.0	900	100	3.9	0,16
10.1215.08	1/2"	- 8	12,7	0.50	22,0	0.87	2.0	300	6.0	900	125	4.9	0,24
10.1215.10	5/8"	- 10	15,9	0.63	26,5	1.04	2.0	300	6.0	900	160	6.3	0,27
10.1215.12	3/4"	- 12	19,1	0.75	29,4	1.16	2.0	300	6.0	900	190	7.5	0,40
10.1215.16	1"	- 16	25,4	1.00	36,2	1.43	2.0	300	6.0	900	254	10.0	0,55

On dash size - 3 (3/16") the outer tube is smooth cover



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Flexibles Industriels HP (3", 4") / HP industrial hoses

APPLICATIONS :



TYPE APPROVAL:

MSHA.

APPLICABLE SPECS. :

EXCEEDS ISO 3862 TYPE R13 - IMM SPECS



High pressure hoses. Power lines/severe applications. Perforations.

Internal hose: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 6 high strength steel spirals.

Covering: Abrasion resistant synthetic rubber resistant to oils, fuels, atmospheric conditions. MSHA.

Recommended fluid: Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

Operating temperature: from -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

													
Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	
THEMMDRN40	2.1/2"	63.5	40	87.6	350	5075	1400	20300	900	35.430	8.995	6.044	(***)
THEMMDRN48_S	3"	76.2	48	100.3	350 (*)	5075	880	12760	1000	39.370	10.368	6.967	(***)
THEMMDRN48_D	3"	76.2	48	100.3	210 (**)	3045	880	12760	1000	39.370	10.368	6.967	(***)

(*) - Static Application

(**) - Dynamic Application Safety Factor > 4:1

(***) - Ask our Technical Dept.

MARCATURA: Available only "embossed"



liftco-group@liftco-group.com



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Flexibles Oil Minsk BP 10 BARS / Low pressure Oil Minsk Hoses 10 BARS

Application: hardwall hose, flexible and lightweight, used for the suction and delivery of oil with aromatic content up

to 30% in hydraulic systems, excluding oils with ester base.

Temperature: from -20°C (-4°F) to +100°C (+212°F).

Tube: black, smooth, NBR rubber.

Reinforcement: high strength synthetic cord plus embedded steel wire helix.

Cover: black, smooth, (wrapped finish) SBR rubber, weathering resistant.

Branding : continuous



code	inside diameter		outside diameter		working pressure		burst pressure		weight nominal		bending radius		vacuum	length max	
															
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch	bar	m	ft
	16	5/8	26	1-1/32	10	150	30	450	0.45	0.31	60	2.4	0.9	120	400
	19	3/4	29	1-9/64	10	150	30	450	0.52	0.35	75	3.0	0.9	120	400
1439510	25	1	35	1-3/8	10	150	30	450	0.65	0.43	100	3.9	0.9	120	400
1439502	32	1-1/4	42	1-21/32	10	150	30	450	0.79	0.53	130	5.1	0.9	120	400
1439537	38	1-1/2	49	1-59/64	10	150	30	450	1.02	0.69	150	5.9	0.9	120	400
1439499	51	2	62	2-7/16	10	150	30	450	1.42	0.95	205	8.1	0.9	120	400
1439898	63.5	2-1/2	75	2-61/64	10	150	30	450	2.01	1.35	255	10.0	0.9	120	400
1439529	76	3	88	3-15/32	10	150	30	450	2.37	1.59	305	12.0	0.9	120	400
	100	3-15/16	113	4-29/64	10	150	30	450	3.47	2.33	400	15.7	0.9	120	400
	127	5	145	5-23/32	10	150	30	450	5.65	3.80	510	20.1	0.9	120	400
	152	6	171	6-47/64	10	150	30	450	7.71	5.18	610	24.0	0.9	60	200



liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

Flexibles Oil Minsk BP 20 BARS / Low pressure Oil Minsk Hoses 20 BARS

Application: hardwall hose used for the suction and delivery of oil with aromatic content up to 30% in hydraulic systems, excluding oils with ester base.

Temperature: from -20°C (-4 °F) to +100°C (+212°F)

Tube: black, smooth synthetic rubber.

Reinforcement: high strength synthetic cord plus steel helix wire.

Cover: black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Branding: continuous yellow spiral stripe "IVG OIL (family logo)..."

code	inside diameter		outside diameter		working pressure		burst pressure		weight nominal		bending radius		vacuum	length max	
															
	mm	inch	mm	inch	bar	psi	bar	psi	kg	lbs	mm	inch	bar	m	ft
1442031	51	2	62,5	2,46	20	300	60	900	1,46	0,98	205	8,1	0,9	120	400
1442023	76	3	90	3,55	20	300	60	900	2,72	1,83	305	12,0	0,9	120	400
1440691	102	4	120	4,73	20	300	60	900	4,69	3,15	400	15,8	0,9	120	400
1440683	152	6	174	6,86	20	300	60	900	8,58	5,76	610	24,0	0,8	60	200



Flexibles offshore PL Fuel 35 BARS / HGV Fuel offshore hoses 35BARS

Application: softwall hose for the delivery of petroleum products with aromatic content up to 50% and drilling mud mixed with oil.

Temperature: from -20°C (-4°F) to +90°C (+194°F).

Tube: black, smooth, PVC/NBR rubber.

Reinforcement: high strength synthetic cord plus antistatic copper wire.

Cover: black, smooth (wrapped finish), flame retardant CR rubber.

Resistant to weathering, abrasion, oil and sea water.

Branding: continuous yellow stripe "IVG Offshore (family logo)..."

Also available upon request: 1.Different diameters 2.Different working pressures.

code	inside diameter		outside diameter		working pressure		burst pressure		weight nominal		length max	
												
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	m	ft
1430637	152	6	179	7,05	35	525	105	1575	8,04	5,41	120	400





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

6. Manches incendies / Fire Hoses



Internal diameter		Weight g/m	Burst pressure bar	Working pressure* Safety ratio		Wall thickness mm
mm	inch			2:1 bar	3:1 bar	
19	¾	130	60	30	20	1,50
25	1	160	60	30	20	1,50
32	1 ¼	195	60	30	20	1,50
38	1 ½	230	60	30	20	1,60
42		270	60	30	20	1,60
45	1 ¾	280	60	30	20	1,60
52	2	350	50	25	17	1,80
64	2 ½	460	50	25	17	1,80
70	2 ¾	520	50	25	17	1,80
75	3	580	50	25	17	1,90
90	3 ½	680	40	20	13	1,90
102	4	770	40	20	13	2,00
110	4 ¼	870	35	18	12	2,00
125	5	1020	30	15	10	2,10
152	6	1190	30	15	10	2,10

* maximum recommended working pressure of the hose, or maximum working pressure of the attached coupling whichever is the lower

7. Tubes rigides / Steel hydraulic pipes





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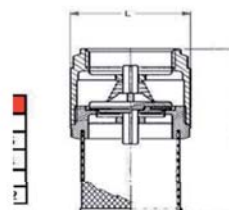
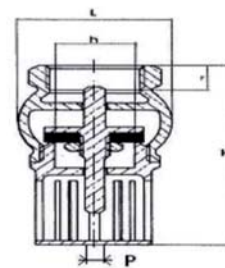


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8. Embouts et jupes à sertir / End fittings and crimp skirts



9. Clapets - crépines / Strainers





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

10. Clapets antiretour / Check valves



11. Vannes basse pression / Low pressure valves





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
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12. Vannes haute pression / High pressure valves



13. Raccords / Adaptors



BSP - BSP



JIC - BSP



NPT - BSP



JIC - JIC



NPT - NPT



JIC - NPT



TE



TE femelle



Coude



Coude 90°



liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

14. Raccords rapides / Quick connectors



15. Raccords coupleurs / Couplings



coupleur à PIN push
male et femelle



coupleur face plane
push pull male femelle

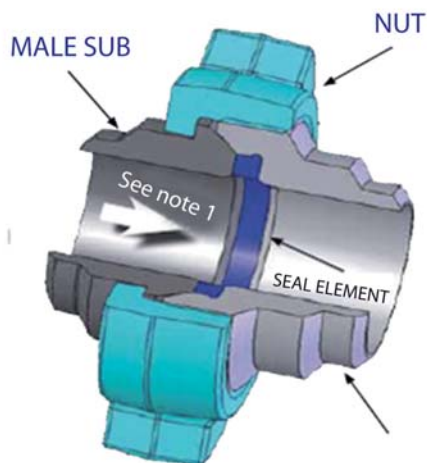


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16. Raccords à frapper / Hammer unions



**Note 1: Usual flow direction
for welltesting applications**

MALE & FEMALE SUBS :

these parts, in conjunction with the seal, form the main pressure containing components of a union assembly and due to the ball and cone design, on respective subs, provide a secondary metal-to metal sealing arrangement.

subs are manufactured for different assembly methods:

- Butt weld
- NPT,
- NPST,
- Sub profiles can also be machined as an integral part of a piping component.

- H2S welding union model : FIG602, FIG1502
- Rated pressure : 35MPa (5000psi) ~ 105 MPa (15000psi)
- Main Models : FIG206, FIG602, FIG1502
- Rated Working pressure : 7MPa (1000psi)~105MPa (22000psi)
- PME Hammer Weco type Union female x Male FIG206/2000psi
- PME Hammer Weco Type Union Female x Male FIG1502/15000psi
- PME Hammer Weco Type Union Female x Male FIG602/6000psi





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
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Specifications

Fig. 206 Union
Blue Nut, Grey Subs



Size	Nut Radius	Length Total	Pressure Rating (PSI)				Weight (LBS)
Inches	Inches	Inches	Standard Service		Sour Gas Service		(Approx)
			Cold Working	Test	Cold Working	Test	
1	1.96	2.65	2,000	3,000	2,000	3,000	1.75
1-1/4	2.17	2.78	2,000	3,000	2,000	3,000	2.37
1-1/2	2.41	2.98	2,000	3,000	2,000	3,000	3.29
2	2.90	3.17	2,000	3,000	2,000	3,000	5.47
2-1/2	3.63	4.13	2,000	3,000	2,000	3,000	10.00
3	4.26	4.58	2,000	3,000	2,000	3,000	15.03
4	5.00	4.94	2,000	3,000	2,000	3,000	20.95
5	5.50	6.55	2,000	3,000	2,000	3,000	33.26
6	6.43	6.66	2,000	3,000	2,000	3,000	42.50
8	7.43	7.19	2,000	3,000	2,000	3,000	64.00
10	9.00	9.13	2,000	3,000	2,000	3,000	91.00

• These Hammer Unions are similar to Fig200 with a secondary seal to supplement the metal-to-metal design

• Recommended for use in corrosive environments

• Available in both threaded and butt weld ends

• Available in butt weld schedules 40 and 80

Fig. 1502 Union
Blue Nut, Red Subs



Specifications

Size	Nut Radius	Length Total	Pressure Rating (PSI)				Weight (LBS)
Inches	Inches	Inches	Standard Service		Sour Gas Service		(Approx)
			Cold Working	Test	Cold Working	Test	
1	2.76	4.38	15,000	22,500	10,000	15,000	9.12
1-1/2	3.50	4.50	15,000	22,500	10,000	15,000	16.30
2	4.00	7.00	15,000	22,500	10,000	15,000	20.11
3	4.88	7.64	15,000	22,500	10,000	15,000	34.10
4	6.02	8.57	15,000	22,500	10,000	15,000	72.68
5	6.53	9.00	15,000	22,500	10,000	15,000	95.00
6	7.20	9.75	15,000	22,500	10,000	15,000	145.00

• These Hammer Unions are use in cementing, acidizing, choke and kill lines

• Replaceable lip type rubber seal

• Available in both threaded and butt weld ends

Fig. 602 Union
Black Nut, Orange Subs



Specifications

Size	Nut Radius	Length Total	Pressure Rating (PSI)				Weight (LBS)
Inches	Inches	Inches	Standard Service		Sour Gas Service		
			Cold Working	Test	Cold Working	Test	(Approx)
1	2.19	3.53	6,000	9,000	6,000	9,000	3.50
1-1/4	3.08	4.80	6,000	9,000	6,000	9,000	9.01
1-1/2	3.10	4.90	6,000	9,000	6,000	9,000	9.17
2	3.70	5.30	6,000	9,000	6,000	9,000	13.78
3	4.50	6.20	6,000	9,000	6,000	9,000	22.76
4	5.19	8.18	6,000	9,000	6,000	9,000	34.96

• These Hammer Unions are used in water, oil , gas and mud service

• Replaceable, lip type rubber seal provides primary sealing

• Available in both threaded and butt weld ends



liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

17. Raccords type Todo Matic / Todo Matic type fittings

COUPLEUR (HOSE UNIT)

Types of terminals connections	Material	DN	Tapping NPT
NPT female Flange UNI EN 1092-1 Flange ASME B16.5 Flange DIN	Aluminium Brass Stainless steel 316 Titanium	80	3"
NPT female Flange UNI EN 1092-1 Flange ASME B16.5 Flange DIN	Aluminium Brass Stainless steel 316 Titanium	100	4"



ADAPTEUR (TANK UNIT)

Types of terminals connections	Material	DN	Tapping NPT
NPT male Flange UNI EN 1092-1 Flange ASME B16.5 Flange DIN	Aluminium Brass Stainless steel 316 Titanium	80	3"
NPT male Flange UNI EN 1092-1 Flange ASME B16.5 Flange DIN	Aluminium Brass Stainless steel 316 Titanium	100	4"



TODO - MATIC (DN80, Ø119 mm)



TODO - MATIC (DN100, Ø164 mm)



liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

18. Colliers / Clamps



collier à griffe



19. Compensateurs de dilatation / Expansion joints

CARACTERISTIQUES :

- . Absorption des vibrations, bruits
- . Compressions linéaires et angulaires

UTILISATION :

- . Réseaux d'adduction et de distribution d'eau (1501-1502)
- . Huiles minérales, hydrocarbures, fuel (1503)
- . Température mini et maxi de service Ts : -10°C à + 100°C voir courbe (1501-1502)
- . Température mini et maxi de service Ts : -10°C à + 80°C (1503)
- . Pression maxi de service Ps : **10 bars** à température ambiante jusqu'au DN250
7 bars à partir du DN300

GAMME :

- . EPDM à brides GN10 Ref. **41SA0B0** DN32 au DN600
- . EPDM à brides GN16 Ref. **41SA1B0** DN200 au DN300
- . NBR à brides GN10 Ref. **41SA0B1** DN32 au DN200





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

20. Manomètres / Presure gauges

CARACTERISTIQUES:

- Boitier inox
- Tube de bourbon en laiton soudé à l'étain
- Raccord laiton
- Vitre polycarbonate
- A bain de glycerine
- Classe 1,6 pour Ø 50 et Ø63
- Classe 1 pour Ø 100
- Protection IP65



Avec raccord radial



Avec raccord axial

UTILISATION :

- Pour gaz et liquides non visqueux et non cristallisants
Et n'attaquant les alliages de cuivre
- Température maxi admissible Ts : 60°

GAMME :

- Ref 50GRA Ø raccord radial 1/4" plage – 1/0 à 0/40 bars
- Ref 50GRA Ø raccord radial 1/4" plage – 1/0 à 0/160 bars et plage -14.5/0 à 0/2300 psi
- Ref 50GRA Ø raccord radial 1/2" plage – 1/0 à 0/160 bars
- Ref 50GRA Ø raccord radial 1/4" plage – 1/0 à 0/60 bars
- Ref 50GRA Ø raccord radial 1/4" plage – 1/0 à 0/160 bars et plage -14.5/0 à 0/2300 psi
- Ref 50GRA Ø raccord radial 1/2" plage – 1/0 à 0/16 bars



21. Autres produits / Others materials

Jointes BS





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com

Bande grasse / grease tape



Gaine de protection / Spiral gaines





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com





liftco-group@liftco-group.com



sales.gabon@liftco-group.com
flexco.congo@liftco-group.com



LIFTCO CONGO

Fabrication des élingues et vente des
appareils de levage

Fabrication et test sous pression des
flexibles

Location des contenants DNV
pour le stockage et le transport du matériel
ON/OFFshore



Contact: (+242) 06 122 3380 / 95 - BP: 696
Email: liftco-congo@liftco-group.com



FLEXCO / LIFTCO GROUP

Base OIS / LIFTCO GABON
 Route de la Sogara, Nouveau Port
 BP: 427 Port- Gentil / GABON
 Mob: + 241 074.33.62.11 / 077.17.51.51
 Fixe: + 241 011.56.43.44
 E-mail: sales.gabon@liftco-group.com
www.liftco-group.com

Base OIS / LIFTCO CONGO
 Avenue Jean Marie MAVOUNGOU
 Zone Industrielle de la Foire
 BP: 696 Pointe-Noire / CONGO Brazzaville
 Mob: + 242 06.455.25.30 / 06.622.33.80
 Tel: + 242 06.660.73.73
 E-mail: flexco.congo@liftco-group.com
www.liftco-group.com