



Oil Service | Water | Chemical | Cryogenic | High temperature



GASSOFFLEX™ **COMPOSITE HOSES**

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High Temperature and Cryogenic

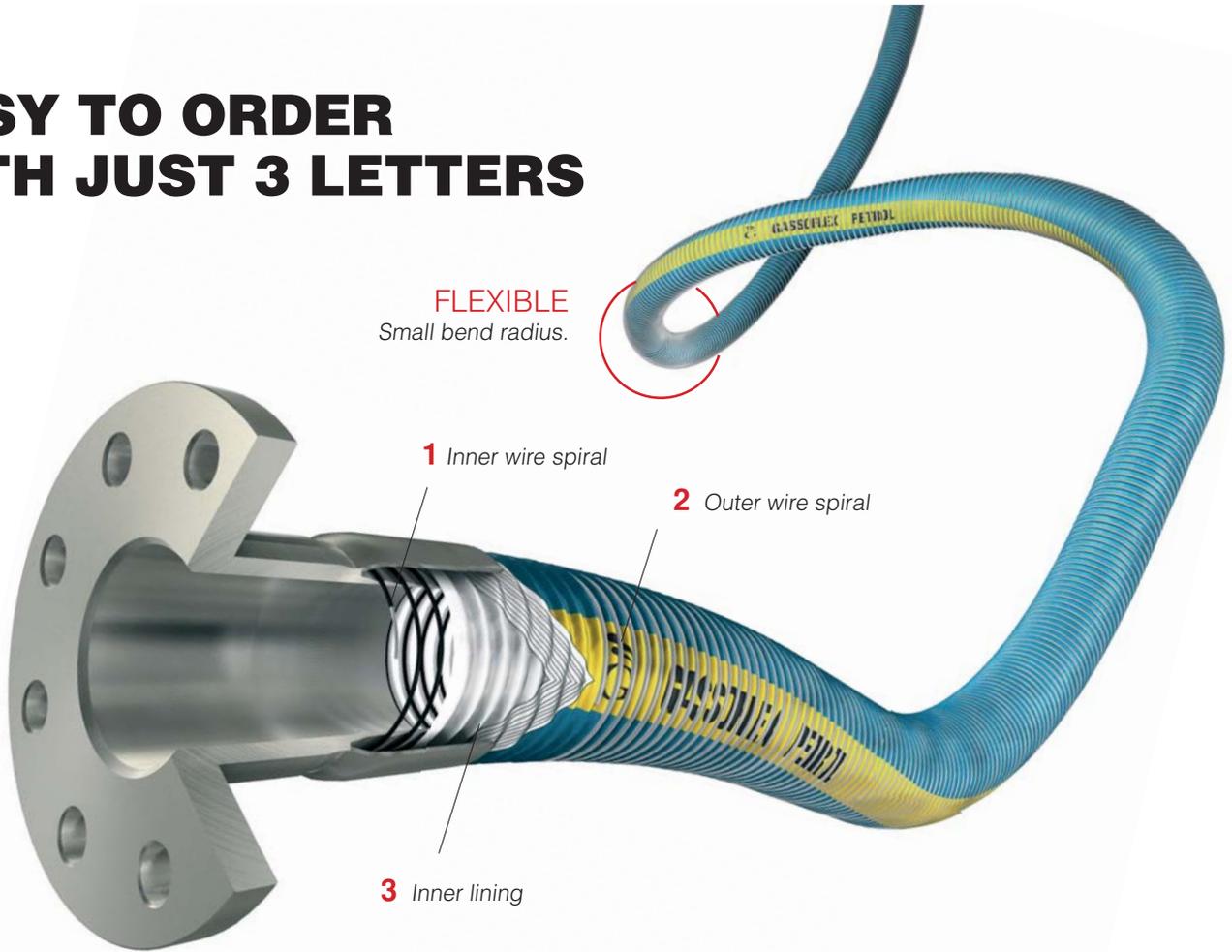
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See more at www.gasso.com

EASY TO ORDER WITH JUST 3 LETTERS



FLEXIBLE
Small bend radius.

1 Inner wire spiral

2 Outer wire spiral

3 Inner lining

10100 **GGE**



Essential letters for 3 essential components.

To specify a GASSOFLEX hose is easy. All you have to do is indicate its three construction components with three letters:

The 1st letter defines the inner wire spiral:

"G" is for galvanized steel, "E" is for polypropylene, "S" is for stainless steel and "A" is for aluminium.

The 2nd letter defines the outer wire spiral:

"G" is for galvanized steel, "E" is for polypropylene, "S" is for stainless steel and "A" is for aluminium.

The 3rd letter defines the inner lining:

"E" is for polypropylene and "T" is for PTFE "P" polyamide.

For example, 10100 **GGE** represents an order for a hose with the inner and outer wire spirals made of galvanized steel (G) and the inner lining polypropylene (E), to work at 10 bar and 80 °C

Range and customization

There is a GASSOFLEX for every kind of application and within each you can choose personalized manufacturing according to your needs.

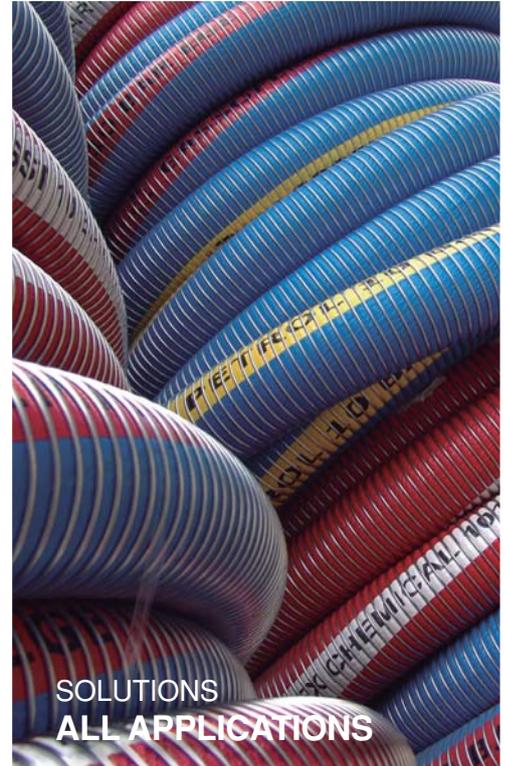


GASSOFLEX

MANUFACTURED USING GASSÓ TECHNOLOGY



OWN TECHNOLOGY PRODUCTION
100% GASSÓ EUROPE



SOLUTIONS
ALL APPLICATIONS

MANUFACTURING



Gassó presents its composite hose GASSOFLEX[®] manufactured entirely at our Sant Boi plant (Barcelona) prepared with automatic manufacturing lines of the most advanced technology developed by its own team of engineers and with annual production capacity of more than 300,000 meters.

An internal laboratory equipped with the latest control machines allows for the most sophisticated tests in our own facilities.

Gasso has a large stock of the GASSOFLEX[™] models more common in order to offer a fast delivery to customers.

The GASSOFLEX[™] hose is an ideal hose for the transfer of petrochemical products and different gases offering excellent **versatility, flexibility and endurance**. Also, Gasso can customize colors, qualities and designs required by the customer.

Available diameters range from 1" to 12" and available in coils up to 100 feet.

International standards

EN 13765:2018, EN 13766:2018, USCG 33 CFR 154.500, TMD France (réglementation Transport de Marchandises Dangereuses), DNV GL, Ships Pt.5 Ch.7 Liquefied gas tankers, DNV GL CP0183 Flexible hoses, TDT Poland.

QUALITY CERTIFICATIONS

TUV RHEINLAND: ISO 9001
DNV GL: 13765, 13766, MARINE



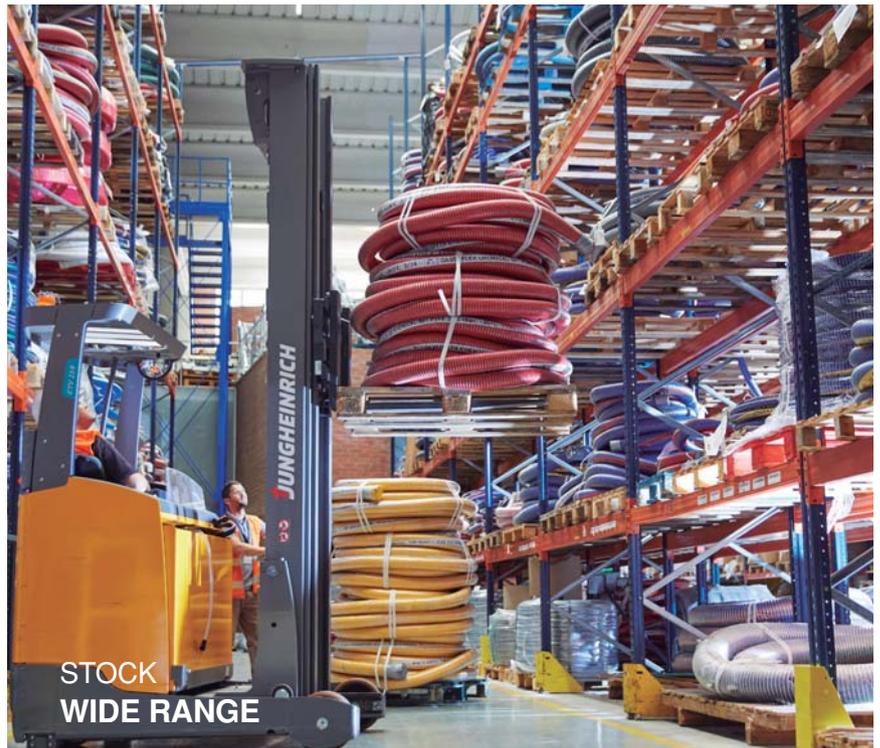
PRODUCTION AUTOMATIC LINES



QUALITY CERTIFIED LAB



SERVICE ASSEMBLING



STOCK WIDE RANGE

QUALITY

GGE Oil Service / Water Pump

MULTIPURPOSE OIL SUCTION AND DISCHARGE



Description

GASSOFLEX GGE is recommended for use in delivery and/or suction of fuels, oils and lubricants in cistern trucks, railcars or fixed storage tanks. GGE Water pump suction and discharge hose offers outstanding flexibility, easy lightweight handling, and long-lasting performance. Excellent for the transfer of water, dirty oily water and light chemicals.

Construction

- Inner Wire spiral: Galvanized Steel (G)
- Outer Wire spiral: Galvanized Steel (G)
- Inner Lining: Polypropylene (E)
- Cover: PVC (PP on request)

Features

- Specifications*: EN 13765:2018 Type 3 / USCG 154.500
- Temperature range: -22 °F +212 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches		100	150	200	230	320	497	740	920	1.150
WEIGHT	⚖ Lbs/feet		1,62	1,77	2,40	2,80	5,44	11,90	21,50	25,00	28,00
MAX WP	⊙ 250 psi		●	●	●	●	●	●	●	●	●

OIL SERVICE / WATER APPLICATIONS



*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec.154.500 and I.M.O regulations

EGE

CHEMICAL HOSE



Description

Gassoflex EGE is recommended for delivery and suction of a great variety of chemical products with good compatibility with polypropylene (PP) such as acids, alkalis and solvents found likely corrosive environments. It is suitable for use in loading and unloading of tank trucks, wagons, in plants and marine applications

Construction

- Inner Wire spiral: PP Coated Steel (E)
- Outer Wire spiral: Galvanized Steel (G)
- Inner Lining: Polypropylene PP (E)
- Cover: PVC Coated Polyester Cloth

Features

- Specifications*: EN 13765:2018 / USCG 154.500
- Temperature range: -22 °F +212 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches	68	100	150	190	250	320	497	740	920	1.150
WEIGHT	⚖ Lbs/feet	0,90	1,62	1,80	2,50	2,90	5,44	11,90	21,50	25,00	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●



CHEMICAL APPLICATIONS

*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec.154.500 and I.M.O regulations

SST

MULTI CHEMICAL SUCTION AND DISCHARGE HOSE



Description

Gassoflex SST is recommended for delivery and / or suction highly corrosive acids and compatible with PTFE / ECTFE and Stainless Steel such as Phosphoric Acid, Naphtha or Nitric Acid in low concentration among others. It is suitable for use in loading and unloading of tank trucks, wagons, in plants and marine applications.

Construction

- Inner Wire spiral: Stainless S. 316L / 304L (S)
- Outer Wire spiral: Stainless S. 316L / 304L (S)
- Inner Lining: PTFE / ECTFE (T)
- Cover: PVC Coated Polyester Cloth

Features

- Specifications*: EN 13765:2018 / USCG 154.500
- Temperature range: -22 °F +212 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches	68	100	150	190	250	320	497	740	920	1.150
WEIGHT	⚖ Lbs/feet	0,70	1,25	1,70	2,30	3,10	5,71	12,49	22,30	25,90	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●

CHEMICAL APPLICATIONS



*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec. 154.500 and I.M.O regulations

SSE

CHEMICAL SUCTION AND DISCHARGE HOSE



Description

Gassoflex SSE is recommended for delivery and / or suction of a great variety of chemical products with good compatibility with PP such as acids, fatty acids, alkalis and solvents even in corrosive environments. It is suitable for use in loading and unloading of tank trucks, wagons, in plants and marine applications.

Construction

- Inner Wire spiral: Stainless S. 316L / 304L (S)
- Outer Wire spiral: Stainless S. 316L / 304L (S)
- Inner Lining: Polypropylene (E)
- Cover: PVC Coated Polyester Cloth

Features

- Specifications*: EN 13765:2018 / USCG 154.500
- Temperature range: -22 °F +212 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches	68	100	150	190	250	320	497	740	920	1.150
WEIGHT	⚖ Lbs/feet	0,70	1,25	1,70	2,30	3,10	5,71	12,49	22,30	25,90	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●



CHEMICAL APPLICATIONS

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LPG

CRYOGENIC HOSE



Description

Gassoflex LPG is a hose designed with multiple layers of different polymers and spirals in stainless steel 316L with the latest manufacturing technology that makes it an excellent and safe solution to support cryogenic products At temperatures up to -58 °F and working pressures up to 25 bar.

In typical applications such as prefer loading and unloading of liquefied petroleum gas or ammonia gas both in trucks, wagons and Marine applications. Including ship-to-ship bunkering operations..

Construction

- Inner Wire spiral: Stainless S. 316L / 304L (S)
- Outer Wire spiral: Stainless S. 316L / 304L (S)
- Inner Lining: Polyamide/ BPPO
- Cover: Polyamide Cloth

Features

- Specifications*: EN13766 / USCG 33CFR 127.1102
- Temperature range: -58 °F +113 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches	150	200	200	200	250	500	670	930	1.500	1.150
WEIGHT	⚖ Lbs/feet	1,60	1,80	2,20	2,65	3,80	5,70	16,40	28,70	31,00	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●

CRYOGENIC APPLICATIONS



*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec.154.500 and I.M.O regulations

MULTI SSP LPG/AMMONIA/BUTANE

CRYOGENIC HOSE



Description

Gassoflex MULTI SSP is a hose designed with multiple layers of different polymers and spirals in stainless steel 316L with the latest manufacturing technology that makes it an excellent and safe solution to support cryogenic products at temperatures up to -58 °F and working pressures up to 25 bar.

In typical applications such as prefer loading and unloading of liquefied petroleum gas or ammonia gas both in trucks, wagons and Marine applications. Including ship-to-ship bunkering operations.

Construction

- Inner Wire spiral: Stainless Steel 316L (S)
- Outer Wire spiral: Stainless Steel 316L (S)
- Inner Lining: Polyamide/ BPPO
- Cover: PVC Coated Polyester Cloth

Features

- Specifications*: EN13766 / USCG 33CFR 127.1102
- Temperature range: -155 °F +212 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	Ø inches	150	200	200	200	250	500	670	930	1.150	1.150
WEIGHT	⚖ Lbs/feet	1,60	1,80	2,20	2,65	3,80	5,70	16,40	28,70	31,00	28,00
MAX WP	⌚ 250 psi	•	•	•	•	•	•	•	•	•	•



CRYOGENIC APPLICATIONS

*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec.154.500 and I.M.O regulations

LNG

CRYOGENIC HOSE CRYOGENIC HOSE DOWN TO -320 °F



Description

Gassoflex LNG is a hose designed with multiple layers of different polymers and spirals in stainless steel 316L with the latest manufacturing technology that makes it an excellent and safe solution to support cryogenic products at extreme temperatures up to -320 °F and working pressures up to 10,5 bar. In typical applications such as liquefied natural gas discharge loading both on trucks, wagons and even marine applications. Including ship-to-ship bunkering operations.

Construction

- Inner Wire spiral: Stainless Steel 316L (S)
- Outer Wire spiral: Stainless Steel 316L (S)
- Inner Lining: Polyamide / Polyester
- Cover: Polyamide Cloth

Features

- Specifications*: EN13766 / USCG 33CFR 127.1102
- Temperature range: -320 °F +235 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches	150	200	200	200	250	500	670	930	1.500	1.150
WEIGHT	⚖ Lbs/feet	1,60	1,80	2,20	2,65	3,80	5,70	16,40	28,70	31,00	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●

CRYOGENIC APPLICATIONS



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GGTP

HIGH TEMPERATURE APPLICATIONS



Description

Gassoflex GGTP is a hose designed with a combination of layers of PP, Polyamide, PTFE and Fiberglass to withstand high temperatures up to 464 °F without losing its characteristics of flexibility and robustness. This model can be used in external conditions or non-corrosive environments. Having both spirals in galvanized steel this model is a cost-effective solution for applications such as bitumen, hot air, hot oil, etc. for loading / unloading trucks, wagons, plants and even marine applications.

Construction

- Inner Wire spiral: Galvanized Steel (G)
- Outer Wire spiral: Galvanized Steel (G)
- Inner Lining: Polyamide / PTFE / Fiber Glass (TP)
- Cover: PVC Coated Polyester Cloth

Features

- Specifications*: EN 13765:2018 / USCG 154.500
- Temperature range: -22 °F +464 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	⌀ inches	75	100	150	190	250	340	550	800	1050	1.150
WEIGHT	⚖ Lbs/feet	0,9	1,30	1,60	2,40	3,0	5,54	12,01	22,00	25,20	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●



HIGH TEMPERATURE APPLICATIONS

*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec.154.500 and I.M.O regulations

SSTP

HIGH TEMPERATURE APPLICATIONS



Description

Gassoflex SSTP is a hose designed with a combination of layers of PP, Polyamide, PTFE and Fiberglass to withstand high temperatures up to 464 °F without losing their characteristics of flexibility and robustness. Thanks to its internal and external spirals in stainless steel 316L, it can be used in the most extreme external conditions and corrosive environments. Its light weight makes it an alternative to heavy rubber hoses for applications such as bitumen, hot air, hot oil, etc. for loading/unloading trucks, wagons, plants and even Marine applications.

Construction

- Inner Wire spiral: Stainless S. 316L / 304L (S)
- Outer Wire spiral: Stainless S. 316L / 304L (S)
- Inner Lining: Polyamide / PTFE / Fiber Glass (TP)
- Cover: PVC Coated Polyester Cloth

Features

- Specifications*: EN 13765:2018 / USCG 154.500
- Temperature range: -22 °F +464 °F
- Safety factor: 4:1
- Vacuum: -0,9 bar
- Length coils: 100 ft. Other under request.

Technical data

ID	Ø inches	1	1 1/2	2	2 1/2	3	4	6	8	10	12
BR	∅ inches	80	100	160	210	250	340	550	800	1050	1.150
WEIGHT	⚖ Lbs/feet	1,0	1,65	2,0	2,70	3,40	5,90	12,70	23,00	26,00	28,00
MAX WP	⊙ 250 psi	●	●	●	●	●	●	●	●	●	●



HIGH TEMPERATURE

*GASSOFLEX® Composite Hose Assemblies meet USCG 154.500, and EN 13765 / EN13766 certified. Marine Service Applications are constructed to marine service specifications in accordance with US Coast Guard spec.154.500 and I.M.O regulations




GASSO

COUPLINGS AND ACCESSORIES

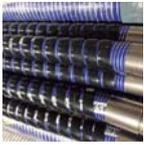
FITTINGS FOR GASSOFLEX

Fitting	Size Ø	Material	Standard	
Ferrules	1-12 "	Carbon steel, zinc-plated Steel, stainless steel, aluminum		
Joint	1-12 "	NBR, Viton (Conductive)		
Male	1-6 "	Galvanized steel, stainless steel, aluminum	NPT	
Female	1-4 "	Stainless steel		
Weld end for fixed flange	1-12 "	Galvanized steel, stainless steel, carbon steel	ANSI, TTMA	
Stub end for swivel flanges	1-12 "	Galvanized steel, stainless steel, carbon steel	ANSI	
Camlok C Female	3-4 "	Aluminum, carbon steel		

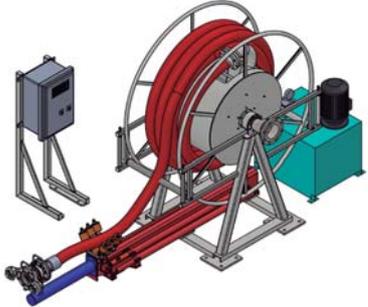
COUPLERS

Coupler	Size Ø	Material	Standard	
Camlok	1-8 "	Stainless steel, aluminum, polypropylene, brass	NPT	
DDC	1-8 "	Stainless steel, aluminum	NPT, ANSI	
API Coupler	4 "	Aluminium	TTMA, ANSI	
Marine Camlock	2-16 "	Carbon and stainless steel	ANSI	
Breakaway Pin Type	1 1/2-12 "	Stainless steel, aluminum	NPT, ANSI, TTMA	
Breakaway Cable Type	1 1/2-12 "	Stainless steel	NPT, ANSI	
Victaulic	2"-12 "	Carbon and stainless steel	Composite hose tail	
Hammer Unions	1"-10 "	Carbon and Stainless steel	Composite hose tail	
Fix & Floating Flanges	1"-12 "	Carbon and stainless steel	Composite hose tail	

ACCESSORIES

Accessory	Size Ø	Description	
Hose bun	1-12"	Hose sling support	
Halar / PTFE lined fittings	1-12"	Halar lined fittings	
Insulating flanges	1-12"	Insulated Nylon flanges	
Trolley	3-12"	Hose trolley with 360° swivel support	
Rings	1-10 "	Protection O-rings	
Electrical	1-12"	Electric Heated hoses	
Spiralina	1-6 "	Rigid PVC spiral protection	
Insulating gasket kit	1-12 "	PTFE and Nylon insulating gasket kit for flanges	

MANUFACTURED PRODUCTS

Product	Description	
GASSOINOX METAL HOSES	Stainless Steel Metal Hoses from 1/4" to 16" with single or double braiding and any type of connections.	
LOADING ARMS	Top and bottom loading arms for truck and rail terminals in aluminum, carbon, and stainless steel from 1" up to 6". We design a custom-made loading arms according to the customer's needs, such as a vapor recovery system, overfill and parking sensors, pneumatic balance system, etc.	
FOLDING STAIRS AND SAFETY CAGES	Gassó folding ladders for tankers or railway are designed to facilitate access from the platform to the manhole covers located on top of the vehicle. They automatically adapt to the height of the tank, are available in different rung lengths, materials, and balance system and can be equipped with safety cages to increase operator protection.	
MARINE HOSE REELS	Gassó Automatic hose Reels custom made for marine hoses up to DN 250 mm (10"), equipped with Breakaway security system and any type of couplings such as Camlock Marine, Flanges, Dry Disconnect Coupling, etc. Gassó has a hose reel solution to suit any marine application. By retrofitting or installing a hose reel on the dock or deck, you are increasing safety, protecting assets, improving efficiency and maximizing the use of available space.	



GASSOFLEXTM COMPOSITE HOSES

Ref. US 2046 01-2026 TANDA

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