



Composite hoses and assemblies

Fluid transfer solutions

Composite hoses and assemblies, TRELLFLEX solutions

www.trelleborg.com/fluidhandling

TRELLEBORG GROUP LEADER IN POLYMER SOLUTIONS

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of about SEK 32 billion (EUR 3.28 billion, USD 3.69 billion) in over 40 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com



Trelleborg Coated Systems



Trelleborg Industrial Solutions



Trelleborg Offshore & Construction



Trelleborg Sealing Solutions



Trelleborg Wheel Systems

TRELLEBORG FLUID HANDLING SOLUTIONS

Trelleborg Fluid Handling Solutions is a unit of Trelleborg Industrial Solutions.

With over 1,000 employees and a head office located in Clermont-Ferrand, France, Trelleborg Fluid Handling solutions is a leading developer, manufacturer, and supplier of low- and medium-pressure industrial hoses, Oil & Gas hoses, rubber sheeting and matting, and expansion joints based on advanced polymer technology.

The Trelleborg fluids team provides high-performance solutions for every need. With production sites in France, Spain, Sweden, and Turkey, Trelleborg Fluid Handling Solutions offers a wide range of competitive products, solutions, and services that meet the needs and requirements of all types of industrial applications.



Industrial hoses



Oil & Gas hoses



Expansion joints



Rubber sheeting and matting

TRELLEBORG SANCHEVILLE

Located near Chartres in France, Trelleborg Industrial products Sancheville specialize in design and manufacturing of composite hose and assemblies for petrochemical industries.

With our experience and know-how, you are sure to find the right solution for any of your transfer operations of oil, chemical or other aggressive fluids. Our reactive and reliable assembly workshop can meet any of your needs, even the most specials.

Most of our assemblies are made, tested and shipped within 24 h.





TRELLFLEX SOLUTIONS

**Bunkering
Rail and road tanks
Processing**

TRELLFLEX composite hose and assemblies
are the highly flexible solutions for
transfer of aggressive media in demanding
environments.



CHEMICALS

TRELLFLEX RANGE RECOMMENDED FOR CHEMICALS

CHEM	Chemical and corrosive products
CHEM PTFE	Very aggressive or very corrosive chemicals

WORKING PRESSURE

10 bar
14 bar

INTERNAL HELIX

PG	Polypropylene	G alvanized steel
PS	Polypropylene	S tainless steel
SG	Stainless steel	G alvanized steel
SS	Stainless steel	S tainless steel

EXTERNAL HELIX

**TRELLFLEX
CHEM**

14

SS

PS

10

TRELLFLEX RANGE FOR CHEMICALS TRANSFERS

INNER TUBE

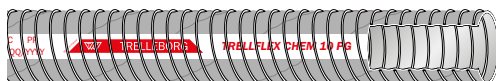
WORKING PRESSURE

HELIX

TEMPERATURE

STANDARD

TRELLFLEX CHEM



PP
Polypropylene

✓

✓

PG
PS
SG
SS

- 30 °C/+ 100 °C

EN 13765

TRELLFLEX CHEM PTFE



PTFE

✓

✓

SG
SS

- 30 °C/+ 115 °C

EN 13765

A FIELD-PROVEN TECHNOLOGY

DESIGN

TRELLFLEX composite hoses are designed from multi layers of foils wrapped between two steel wire helix. The wires coating and the type of foil (PP, PA, PTFE) are optimized to resist to petroleum, chemicals and the application requirements.

DIAMETERS

Diameters can range from 25 to 250 mm.

Should your application require any specific designs, we can also offer tailor-made solutions to meet your specific needs, please consult us.

EN
13765

BS
5842

ISO
14001
9001

CUSTOMER SPECIFIC DESIGN





TANK UNLOADING



ROOF DRAIN



LOADING ARMS



DOCK APPLICATION



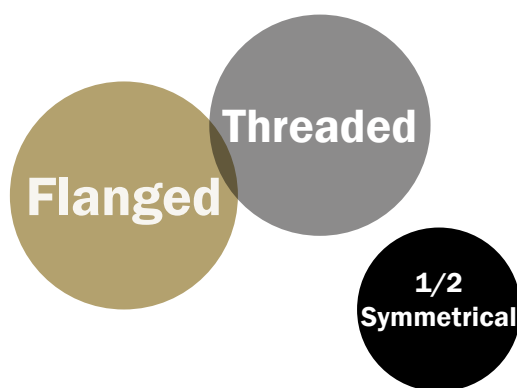
BUNKERING



PROCESSING



PETROL DELIVERY



COUPLINGS & ACCESSORIES

END CONNECTION

With 40 years experience, Trelleborg Fluid Handling Solutions can supply any tailor-made hose assemblies to suit your end connection requirements, like flanged, threaded, 1/2 symmetrical, camlock couplings, etc.

ACCESSORIES

A complete range of accessories is available on request: dry disconnect coupling, isolating flange, supporting device, etc.



OIL & PETROLEUM

TRELLFLEX RANGE RECOMMENDED FOR OIL AND PETROLEUM

OIL	Heavy petroleum products and derivatives
BIOFUEL	Biofuels, ethanol and bitumen emulsions
JET	Jet A1, AVGAS, kerosene
OIL VR	Hydrocarbons vapors recovery
ROOF DRAIN	Floating roof tanks draining

WORKING PRESSURE

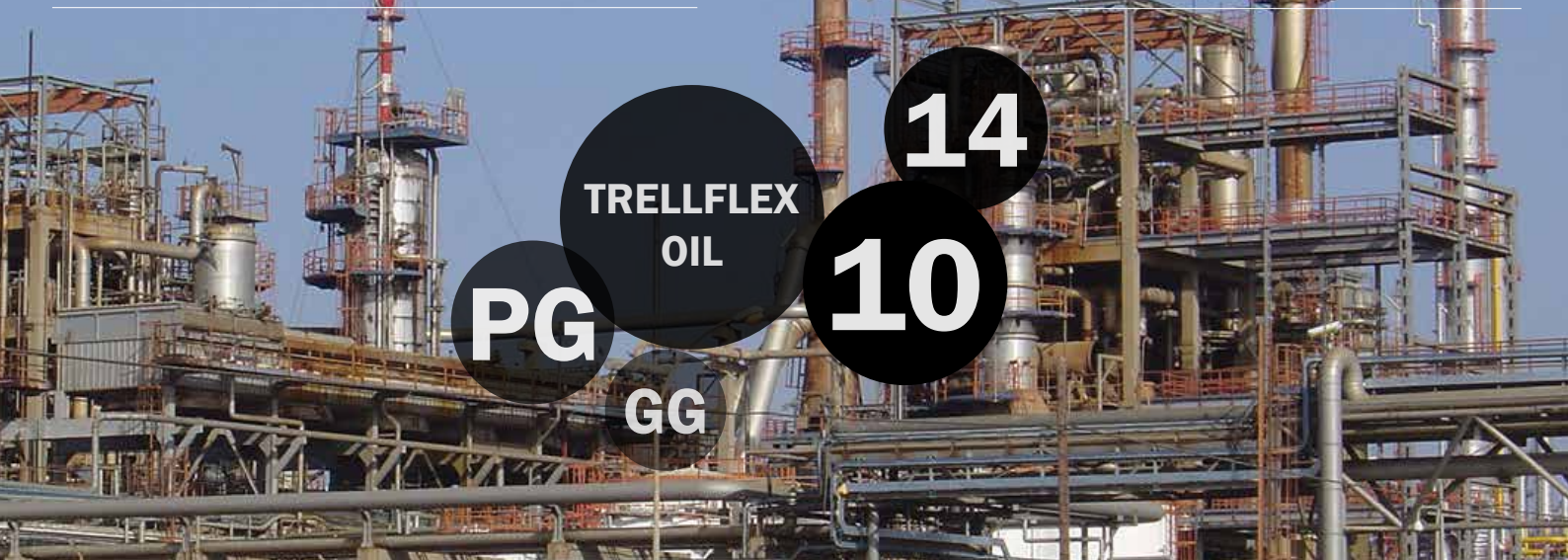
4 bar
10 bar
14 bar

INTERNAL HELIX

AA	A luminum
AG	A luminum
GG	G alvanized steel
PG	P olypropylene
SS	S tainless steel

EXTERNAL HELIX

A luminum
G alvanized steel
G alvanized steel
G alvanized steel
S tainless steel



TRELLFLEX RANGE FOR OIL AND PETROLEUM TRANSFERS		INNER TUBE	WORKING PRESSURE			HELIX	TEMPERATURE	STANDARD
			4 bar	10 bar	14 bar			
TRELLFLEX OIL		PP Polypropylene		✓	✓	AA AG GG	- 30 °C/+ 100 °C	EN 13765
TRELLFLEX BIOFUEL		PA Polyamide			✓	SS GG	- 30 °C/+ 100 °C	EN 13765
TRELLFLEX JET		PA Polyamide			✓	SS GG	- 30 °C/+ 100 °C	EN 13765
TRELLFLEX OIL VR		PP Polypropylene	✓			PG	- 30 °C/+ 100 °C	EN 13765
TRELLFLEX ROOF DRAIN		PP Polypropylene			✓	SS	- 30 °C/+ 100 °C	EN 13765

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