PRODUCT INDEX

The range of Composite Hose are manufactured from layers of extruded composite film supported by internal and external wires to provide a very light and flexible hose for use in a wide range of applications and mediums including,

Chemical

Oils and Fuels

Food Process

Liquid gas

Cryogenic

Steam

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LD 10

LD 10 CHEM Green - for Chemical applications in general; LD 10 OIL blue - for all Hydrocarbons transfer; LD 10 VAP Yellow - for Vapour recovery. COMPOTEC® LD 10 hoses are designed as general purpose hoses for the transfer of a wide variety of conveyants under suction or pressure. COMPOTEC® LD 10 hoses are used in such applications as low pressure transfer for road and rail tanker loading and discharging, storage tank and in-plant use. High chemical resistance, durability and strong construction for a long life, but at the same time light and flexible for ease of handling. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge.

Where exceptionally low weight is requested, hoses with internal or both internal and external wires in aluminium are available.

Temperature range: From -40° up to +80°C.

Note: *COMPOTEC® hose type LD 10 OIL AZ fully complies with B.S. 3492 : 1987 for carrying gasoline, kerosene, fuel and lubrication oils, including aviation fuels with high aromatic content at a temperature up to 80°C. All types are suitable for use with a vacuum not exceeding 0.5 Bar. COMPOTEC® LD 10 OIL AZ hose is defined according to the Standard descriptions under type 'BX' for all products included in 'CLASS 1'.*

OIL 800

Specifically designed for the transfer of a wide variety of hydrocarbon conveyants under suction or pressure, OIL 800 hoses are used in such applications as transfer for rail and road tanker loading and unloading, storage tank and in-plant use. Specifically engineered to handle oils, petrol, diesel, lubricating oils, paraffin, all hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge. It is possible, on request, to add a 'customer labelling' to the outside wall.
Temperature range: From -40° up to +100°C.

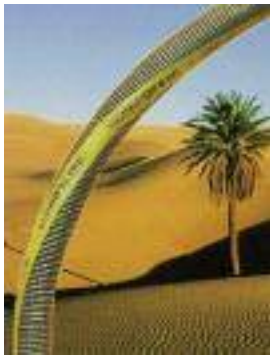
CHEM 700

Specifically designed as a general purpose hose for the transfer of a wide variety of chemicals under suction or pressure, CHEM 700 hoses are used in such applications as transfer for rail and road tanker loading and unloading, storage tank and in-plant applications. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge.
CHEM 700 includes in the construction an HD PLT tubular extruded film. All the different layers are wrapped together and tensioned between internal and external wire spirals. This enables our product to meet the requirements of the chemical industry and those of the chemical tank truck industry.
Temperature range: From -40° up to +100°C.

PTFE 300

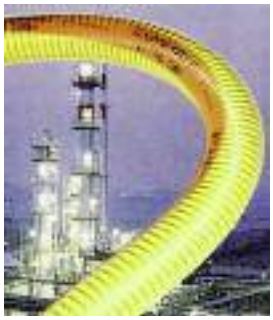
Specifically designed as a universal hose for the transfer of a wide variety of aggressive chemicals under suction or pressure, PTFE 300 hoses are used in such applications as transfer for rail and road tanker loading and unloading, storage tank and in-plant applications. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge. It is possible, on request, to add a 'customer labelling' to the outside wall.
COMPOTEC® PTFE 300, has been designed around several PTFE (Polytetrafluorethylene) liners, supported by an AISI 316 L stainless steel inner wire, with a weather-proof and abrasion resistant Polyester/Polyvinylchloride outer cover. UV, ozone, sunlight and weathering resistance, offers superior temperature and abrasion characteristics. PTFE 300 includes in the construction a tubular FEP extruded film. All the different layers are wrapped together and tensioned between internal and external wire spirals. This universal hose assembly can help eliminate the costly redundancy of inventory to maintain the various hose constructions usually required.
Temperature range: From -40° up to +100°C.

HITEMP 305



Specifically designed as a hose for the transfer of hot oil and bitumen under suction or pressure, HITEMP 305 hoses are used in such applications as transfer for road tanker loading and unloading, storage tank and in-plant applications. The inert properties of PTFE make it almost universally inert to all chemicals, the anti-stick properties make it unique for conveying adhesive, sticky, dense or thick materials, or in general products with high viscosity at high temperatures. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge.
Temperature range: From -40° up to +200°C.

CHEMCHLOR 900



Specifically designed as a transfer hose under suction or pressure, the special construction of COMPOTEC® CHEMCHLOR 900 hose satisfies all the needs of the chemical industry for the transfer of all the chlorine-derivates, at any concentration. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge.
Temperature range: From -40° up to +100°C.

ABRATEC 400

Specifically designed as a general purpose hose for the transfer of a wide variety of abrasive powders, cereals, plastic granules, chips, sugar, flour under suction or pressure, ABRATEC 400 hoses are used in such applications as transfer for rail and road tanker loading and unloading, storage tank, silos and in-plant applications. All hoses are 100% antistatic.
Temperature range: From -40° up to +80°C.

COMPOSITE HOSE ASSEMBLIES

FOOD 500

Specifically designed as a general purpose hose for the transfer of a wide variety of liquid or dry food products, under suction or pressure, FOOD 500 hoses are used in such applications as transfer for road tanker loading and unloading, storage tank and in-plant applications. FOOD 500 complies with FDA TITLE 21 Item 177.1570 and D.M. 21.03.73, D.M. 26.04.93 No 220, for all applications in direct contact with food. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge. It is possible to clean FOOD 500 hose with loose steam or with various chemicals (diluted soda and nitric) without any problem.

Temperature range: From -40° up to +100°C.

CRYOTEC 660

Specifically designed as a transfer hose in the production, distribution and use of cryogenic conveyants and liquified gases under pressure at low temperatures. CRYOTEC 660 hoses are used in such applications as transfer for rail and road tanker loading and unloading, storage tank and in-plant applications. Large bore hoses are used for ship to shore and ship to ship applications. Cryogenic conveyants include the following products, as listed in Chap XIX IMO Gas Carrier Code: Ammonia, Acetaldehyde, Butadiene, Butane/Propane, Butylene, Carbon Dioxide, Dimethylamine, Ethylamine, Ethychloride, Liquid Ethane, Liquid Ethyhlene, Liquid Nitrogen, Methane, Methylacetylene, Methlbromide, Propadiene, Propylene, Vinylchloride, Refrigerant Gases.

Temperature range: From -200° up to +80°C.

Hose Size	mm	inches	LD 10	OIL 808	CHEM 700	PTFE 300	HITEMP 305	CHEMCLOR 900	ABRATEC 400	FOOD 600	CRYOTEC 660	OIL MARINE 808	CHEM MARINE 707	PTFE MARINE 330
	20	¾		♦	♦	♦	♦	♦	♦	♦	♦			
	25	1		♦	♦	♦	♦	♦	♦	♦	♦			♦
	32	1¼		♦	♦	♦	♦	♦	♦	♦	♦			
	40	1½	♦	♦	♦	♦	♦	♦	♦	♦	♦			♦
	50	2	♦	♦	♦	♦	♦	♦	♦	♦	♦			♦
	63	2½	♦	♦	♦	♦	♦	♦	♦	♦	♦			♦
	76	3	♦	♦	♦	♦	♦	♦	♦	♦	♦			♦
	100	4	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
	150	6										♦	♦	♦
	200	8										♦	♦	♦
Max WP	Bar	P.S.I.												
	10	150	♦											
	15	200		♦	♦	♦	♦	♦	♦	♦		♦	♦	♦
	20	290									♦			
Burst	50	750	♦											
	75	1000		♦	♦	♦	♦	♦	♦	♦		♦	♦	
	80	1150									♦			♦
Temp. Range	Deg. Celcius													
	-200	+80									♦			
	-40	+80	♦						♦					
	-40	+100		♦	♦	♦		♦		♦		♦	♦	♦
	-40	+200					♦							
Length	Metres	Feet												
	25	82	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

OIL MARINE 808

Specifically designed for the transfer of a wide variety of hydrocarbon conveyants under suction or pressure, OIL MARINE 808 hoses are used for ship to shore and ship to ship applications. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge. All the 'COMPOTEC® MARINE' hoses comply with B.S. 5842:1980.

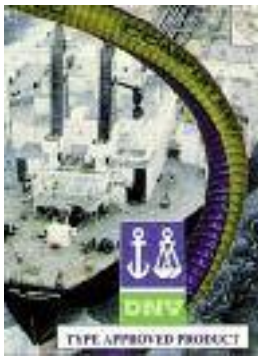
Temperature range: From -40° up to +100°C.

CHEM MARINE 707

Specifically designed for heavy duty transfer of a wide variety of chemicals under suction or pressure. CHEM MARINE 707 hoses are used for ship to shore and ship to ship, dockside and general shipboard use. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge.

Temperature range: From -40° up to + 100°C.

PTFE MARINE 330



Specifically designed as a universal hose for heavy duty transfer of a wide variety of chemicals under suction or pressure. PTFE MARINE 330 hoses are used for ship to shore and ship to ship, dockside, and general shipboard use. All hoses are 100% aromatic resistant, antistatic and can be used for suction and discharge.

Temperature range: From -40° up to +100°C. COMPOTEC® PTFE MARINE 330 has been approved with 'Type Approval Certificate' from: DNV - Det Norske Veritas - Cert. No P-10629R I N A - Italian Register of Navy - Cert. No MAC/81398/1/TO/99.

Safety Information

- All hoses are tested at 1½ times rated working pressure for safety and reliability, in accordance with BS 5842:1980 clause 6.4. Full test certification can be supplied and may be witnessed by independent third party institutes.
- Hoses are designed for type approval, to a burst pressure 5 times the Working Pressure.
- The Burst pressure indicated is at ambient temperature when tested in accordance with BS 5173 section 102.10:1990.
- Electrical continuity is achieved by two wires bonded to the end fittings, this helps dissipate accumulated charge and avoid static flash. The electric resistance of hose assemblies is less than 10 ohms, as required by BS 5842:1980 clause 6.2. Hose assemblies can also be provided, on request, electrically discontinuous.
- Hoses with fire and flame resistance CL1 are available; please contact Pirtek for further information.