

# EXILITE Light Weight



COMPOTEC® EXILITE is the lightest Composite hose actually available on the market.

Light, yet robust and durable. Abrasion resistant, thanks to its external wire sheated in a thick wall polymeric black material. A new revolutionary multi-layer thermoplastic hose manufactured around multiple layers of Polypropylene, Polyethylene and Polyester films and Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover. All the different layers are wrapped together and tensioned between internal and external wire spirals. This enables our product to meet the requirement of the oil tank truck industry.

Outer cover is also available in **ELASTAR**, a special PU coated fabric; its UV, Ozone, Sunlight and weathering resistance, offers superior temperature and abrasion characteristics.

**EXILITE – EXTRA-LIGHTWEIGHT HYDROCARBON SUCTION & DISCHARGE HOSE - EN 13765:2010 TYPE 2**

**Applications:**

**EXILITE hoses are used in such applications as low pressure transfer for road and rail tanker loading and unloading, storage tank and in plant use.**

Conveyants include light distillates such as petrol, diesel, paraffin, kerosene, gasoline, and it can also be used for Bio-diesel and Aviation fuels. Where exceptionally low weight is indicated, **EXILITE** is the answer. Inner wire is made in a special high tensile Aluminium alloy, while for the External wire is used a special **Black antistatic PP coated Aluminium alloy wire**. The result is the lightest hose available on the market, but still robust and strong, thanks to the Composite construction, and thanks to the highest technology involved in COMPOTEC® manufacturing process.

**EXILITE** hose is significantly lighter than other similar hoses, comparing on the same diameter, making it particularly suitable for petrol forecourt deliveries. Another advantage of the External coated wire, is that the hose has a full **“NON METALLIC”** feature outside, therefore 100% sparkle free and will not sign or damage the truck's body paints.

COMPOTEC® EXILITE hose is available in three versions:

- EXILITE PP** : with both, inner and outer Black Antistatic PP coated wires.
- EXILITE AP** : Inner Aluminium Alloy and Outer PP Black antistatic coated wire
- EXILITE PA** : Inner PP Black antistatic coated wire and Outer Aluminium wire.

And can be manufactured in two colours:

- ORANGE** with the Black spiral or
- BLACK** with the Black spiral

COMPOTEC® EXILITE hoses are available in 40 mt coils from 1½” up to 4”.

COMPOTEC® EXILITE assemblies are fitted with an extensive range of couplings readily available, externally swaged in Aluminium, Brass or Steel.

COMPOTEC® EXILITE hoses, according to the EN 13765:2010, are classified “TYPE 2” and are suitable for carrying gasoline, Kerosene, fuel and lubricating oils, including aviation fuels with aromatic content up to 100% at a temperature up to + 80°C, MTBE and Biofuels.

COMPOTEC® EXILITE hoses, are suitable as well for vapour recovery in vacuum conditions, not exceeding 0,9 Bar vacuum rating.

COMPOTEC® EXILITE assemblies are tested at 1 1/2 times rated working pressures for safety and reliability, in accordance with EN ISO 1402 (BS 5842:1980 clause 6.4). The securing ferrule, at one end of the hose, is permanently marked by engraving, with manufacturer's name, nominal bore, the hose assembly serial number and the test date. The marking of hose assemblies is made in compliance with PED Directive (97/23/ CE). Full test certification can be supplied on request.

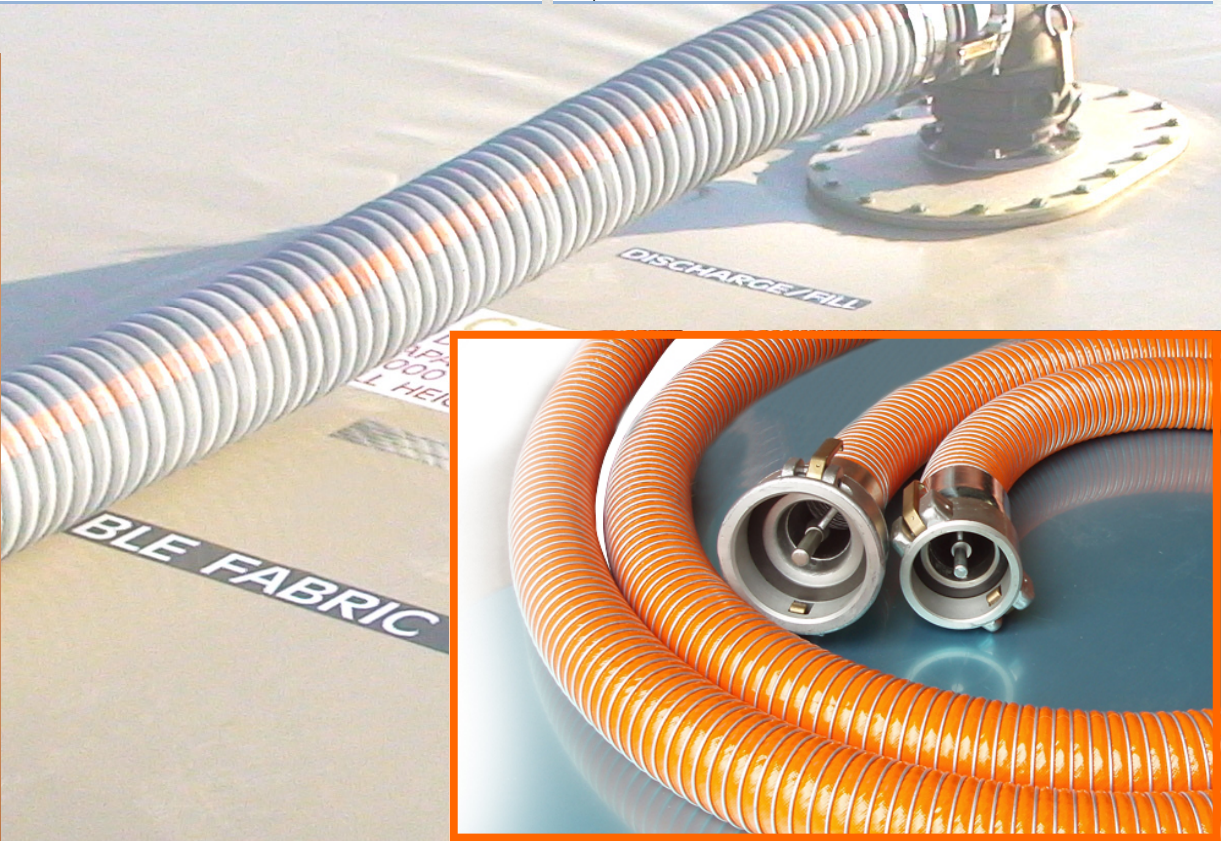


## EXTRA LIGHT HYDROCARBON SUCTION & DISCHARGE HOSE EN 13765:2010 TYPE 2

### EXILITE

Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight Kg / mt			Maximum Length	
mm	Inch	Bar	P.S.I.		mm	Inch	AP	PP	PA	Mt.	Feet
40	1 1/2"	10	150	4:1	100	4	0,84	1,06	0,88	40	132
50	2"	10	150	4:1	150	6	1,18	1,45	1,24	40	132
65	2 1/2"	10	150	4:1	200	8	1,42	1,61	1,45	40	132
75/80	3"	10	150	4:1	250	10	1,75	2,05	1,81	40	132
100	4"	10	150	4:1	300	12	2,53	2,69	2,54	40	132

Code	EXILITE AP	EXILITE PP	EXILITE PA
Applications	Extra light Fuel liquid/vapour transfer		
Colour	Orange/ All Black		
Inner wire	Aluminium alloy	PP coated Aluminium	PP coated Aluminium
Outer wire	PP coated Aluminium	PP coated Aluminium	Aluminium alloy
Temperature	-30 +80°C		





# EXILITE

DNV Det Norske Veritas Cert. n. CERT-04193-99-AQ IND-SINCERT

EN 13765:2010, approved from CEN

Directive 97/23/CE "PED" with operating Procedures certified from DNV - CE PED 07.0056.06/2585

Directive 94/9/CE "ATEX" hose for explosive atmospheres, Cert. held by DNV Rec. nr. CE ATE 08.0117.06/2617 - (AS 2430.1-1987)

BS 5842:1980 (Conf. 1986)

BS 3492:1987

AS 2683-2000 (Hose & hose assemblies for distribution of petroleum and petroleum products)

AS 2117-1991 (Hose & hose assemblies for petroleum and petroleum products - Marine suction and discharge)

NAHAD Guidelines (NAHAD 600/2005)

#### Test procedures:

BS 5173-102.10:1990 section 102.10 - (EN ISO 1402)

AS1180.5-1999 (method 5)

AS 1180.13B (Electrical resistance)

AS1180.13C (Electrical continuity)

#### Type Approval

Lloyd's Register Type Approved - Cert. N° 13/00002

DNV - Det Norske Veritas - Type Approval Cert. N° P-12369

RINA - Registro Italiano Navale - Cert. N° MAC/81398/1/TO/99

Russian Maritime Register of Shipping

IBC Code Chapter 5 - Ship's Cargo hoses

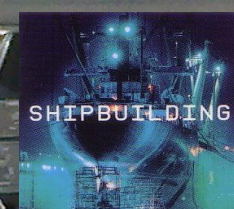
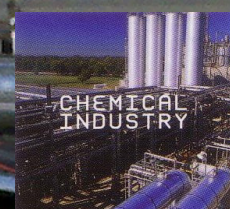
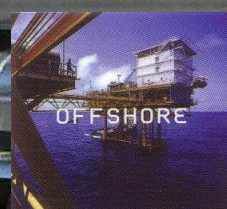
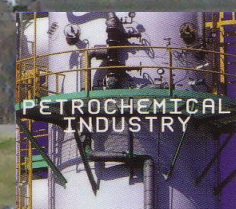
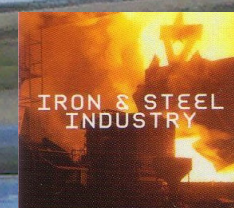
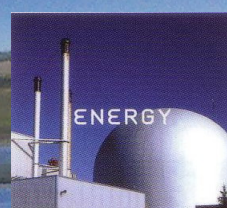
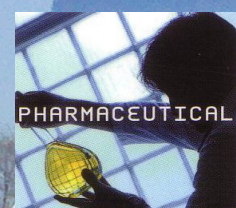
IMO Chemical Carrier Code - Paragraphs 2:12 and 5:7

#### Welding Process

in according to EN 15608:2005 - EN 439:1996 - EN 15614-1:2005 - EN 6848:2005

- EN 12072:2001 certified by DNV - Det Norske Veritas

in according to ASME IX certified by RINA



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# COMPOTEC®