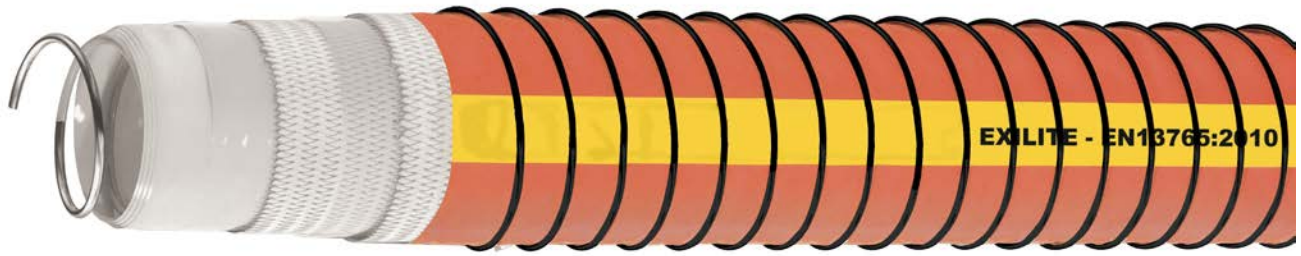
Composite hoses EXILITE



EXILITE is the lightest composite hose actually available on the market - light, but yet robust and durable. This type is abrasion resistant because of its external wire coated with a thick layer of black polymeric material. This new revolutionary multi-layer thermoplastic hose is manufactured from multiple layers of polypropylene, polyethylene and polyester films as well as polypropylene fabrics, covered with a weather- and abrasion-proof outer skin.
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, offering increased UV-, ozone-, sunlight- and weathering-resistance, as well as superior temperature and abrasion characteristics.

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

Applications:

EXILITE hoses are typically used in low pressure transfer from road and rail tanker, for loading and unloading, storage tank and general in plant use.
Conveyance includes light distillates such as petrol, diesel, paraffin, kerosene, gasoline, but the hoses can also be used for bio-diesel and aviation fuels. Where an exceptionally low hose weight is indicated, **EXILITE** is the answer. Inner wire is made in a special high tensile aluminium alloy, while for the external wire a special **black antistatic PP coated aluminium alloy wire** is used. This results in the lightest hose available on the market, which though is still robust and strong, thanks to the highest technology involved in manufacturing process.
Being significantly lighter than other similar hoses of same diameter predestines **EXILITE** particularly for petrol forecourt deliveries. Another advantage of the coated external wire is that the hose has a full ***"NON METALLIC"*** property outside, therefore 100% spark-free and will not besmear or damage the truck's body paints.

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.

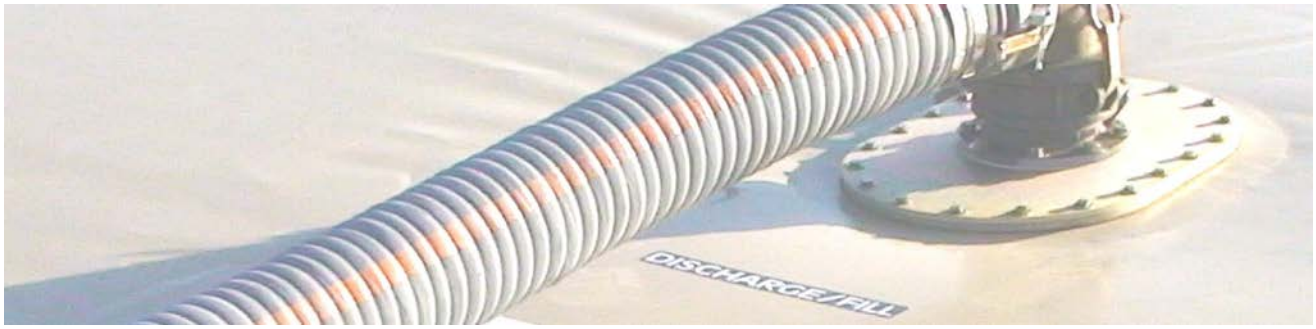
Lloyd's Register
Type approved
www.lr.org

And can be manufactured in two colours:
ORANGE with the Black spiral or
BLACK with the Black spiral

EXILITE hoses are available from 1½" up to 4" in 40 m-coils.
EXILITE assemblies are fitted with an extensive range of aluminium, brass or steel couplings, mounted with external swag-on ferrules.
EXILITE hoses, according to the EN 13765:2010, are classified as "TYPE 2" and are suitable for carrying gasoline, kerosene, fuel and lube oils, including aviation fuels with aromatic content up to 100%, at temperatures up to + 80°C, as well as MTBE and biofuels.

Tedimex GmbH · Talweg 11 · D-21218 Seevetal
phone: +49 4105 690 270 · sales@tedimex.de · www.tedimex.de

EXILITE hoses are suitable as well for vapour recovery in vacuum conditions, not exceeding 0,9 Bar vacuum rating. For safety and reliability, in accordance with EN ISO 1402 (BS 5842:1980 clause 6.4) **EXILITE** assemblies are tested at 1 ½ times rated working pressures. One of the securing ferrules is engraved 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 is available on request.



Code	EXILITE AP	EXILITE PP	EXILITE PA
Applications	Extra light fuel and vapour handling		
Colour	Orange / all black		
Temperature	-30 +80°C		
Inner wire	alu alloy	PP coated alu	PP coated alu
Outer wire	PP coated alu	PP coated alu	alu alloy

Size		Max. W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight kg/m			Maximum Length	
mm	Inch	bar	P.S.I.		mm	Inch	AP	PP	PA	m	Feet
40	1 ½"	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 ½"	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

Burst pressure indicated is at ambient temperature.
Maximum temperature rating can only be maintained when working within limits of working pressure.

We reserve the right to change specification without prior notice !