

FRACK HOSE

COMPOTEC®

HYDRAULIC FRACTURING HOSE (FRACKING)
SPECIAL ARAMEX OUTER COVER FOR MINIMAL ABRASION

Applications

More commonly known as fracking (fracing), hydraulic fracturing is the process in which fractures or fissures are created within shale formations that allows trapped natural gas to flow and be recovered. Sand, water and other additives are transferred from pumps into the formations of the rock to create fractures and COMPOTEC® FRACK HOSE is the safe handling hose to lead the way. COMPOTEC® FRACK HOSE are highly flexible which is effective and efficient for maneovrability in connecting even when temperatures are sub zero.

Light weight and highly flexible at both, very low or very high temperatures outside , make for great hose maneuverability in connecting and disconnecting all day long.

COMPOTEC® FRACK HOSE composite hose assemblies are the highest available quality and the ideal hose to support the transfer equipment for fracking. The Matec Group has extensive experience in supplying these hoses into the fracking industry.

COMPOTEC® FRACK HOSE hose assemblies have a custom swaged/crimped end fittings for easy and quick connection to the equipment and is a proven safe transfer with reliability. Flanged ends, BSPT or NPT, Hammer Unions, or Victaulic are available.

Construction

This is a robust polypropylene lined chemical transfer composite hose which is available with polypropylene coated, stainless steel or galvanized steel wires, from 1" to 12" diameters. Extra reinforcement, UHMW PE and Polyester film barrier layers. Extra strong / low elongation ARAMEX special outer cover is used for superior resistance to the abrasion, weather and ozone.

Specifications

Temperature range from - 40°C to + 100°C
W.P. 16 Bar - Safety factor 5:1

COMPOTEC® FRACK HOSE assemblies are tested at 1 ½ times rated working pressures for safety and reliability, in accordance with EN ISO. The securing ferrule, at one end of the hose, is permanently marked by embossing, with manufacturer's name, nominal bore, serial number and the test date.

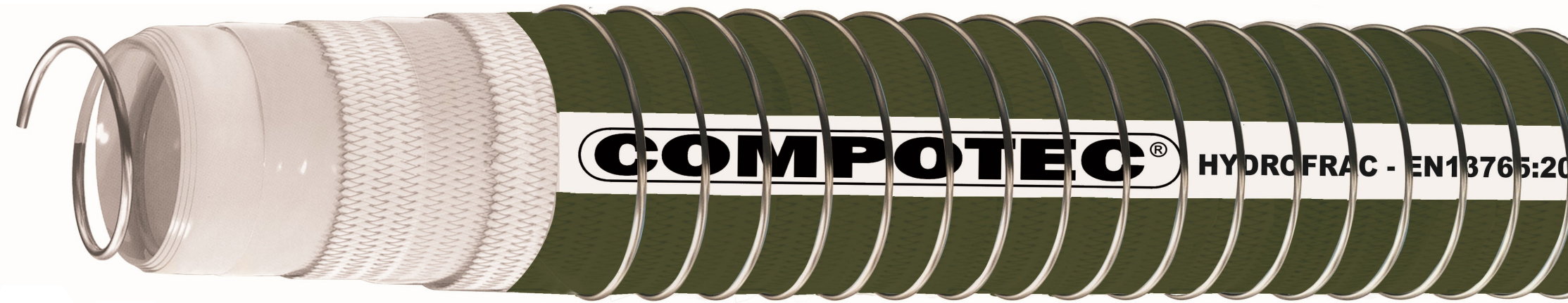
Burst pressure indicated, is at ambient temperature when tested in accordance with EN ISO 1402.

Electrical continuity is achieved by the two wires bonded to the end fittings, this helps dissipate accumulated charge and to avoid static flash. Upon request it's possible to manufacture COMPOTEC® FRACK HOSE hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover and cable for ground connection.

Assemblies are suitable for use with a vacuum not exceeding 0.9 Bar.

COMPOTEC® FRAC HOSE hoses can be supplied in the FIRETEC version to meet the Fire retardand performance criteria acc. to European Standards EN 13765:2010 Normative, Annex G, and with ADR self-extinguish CL1 characteristics.

FIRETEC hose utilize a series of fire retardant barriers and an outer cover made of special ADR self extinguish CL 1 coated fabric. All COMPOTEC® hoses meets the EN, CE, AS, U.S. Coast Guard requirements, NAHAD Guidelines, are Lloyd's and DNV approved.



HEAVY DUTY FRACKING HOSE EN 13765:2015 TYPE 3

Size		Working Pressure Bar		Bend Radius EN ISO 1746	Weight	Maximum length
mm	inch	SF 4:1	SF 5:1	mm	Kg/mt	Mt
25	1"	20	16	100	0,88	40
40	1 1/2"	20	16	140	1,50	40
50	2"	20	16	150	2,50	40
65	2 1/2"	20	16	175	3,50	40
75/80	3"	20	16	200	4,00	40
100	4"	20	16	360	5,80	40
125	5"	20	16	414	14,80	40
150	6"	20	16	500	12,50	40
200	8"	20	16	800	17,50	40
250	10"	20	16	1000	25,00	25
300	12"	20	16	1200	35,00	25

FRACK HOSE

Code	FRACK HOSE				
Applications	HYDRAULIC FRACTURING HOSE				
Colour	Olive Green				
Temperature	-40 +100°C				
Code	PZ	PX	ZZ	ZX	XX
Inner wire	PP coated	PP coated	Galva	Galva	St.Steel
Outer wire	Galva	St.Steel	Galva	St.Steel	St.Steel

