

EXTRAFLEX

COMPOTEC® EXTRAFLEX HOSES

Compotec's product range is very comprehensive and covers the majority of applications in the industrial hok business. However, every customer is different and there are some applications where a standard hose may not always be suitable. Compotec's experienced technical staff, have used their experience to develop a number of special hose constructions designed to cope with mechanically or chemically challenging conditions.

COMPOTEC EXTRAFLEX hoses is a range of hoses specially designed to have a better bending radius, while maintaining the same pressure and temperature resistance.

All this has been possible to achieve using the latest nanotechnology polymers, thinner but with higher performances, both in terms of mechanical and chemical resistance.

EXTRACHEM

Applications : Extra flexible General purpose hose suitable for the safe transfer of a wide variety of chemicals under suction or pressure. Commonly used for loading and unloading of road and rail tankers, storage tank and in-plant applications. Suitable as flexible terminal hose for Top Loading arms. Available in 40 mt coils from 1" up to 4". Available in two versions, HD (Heavy Duty) acc. to EN 13765 Type 3, and SD (Standard Duty) acc. to EN 13765 Type 2.

EXTRAOIL

Applications : Extra flexible General purpose hose suitable for the safe transfer of a wide variety of hydrocarbons, including fuel oils, petrol, diesel, lubricating oils, kerosene, MTBE, and 100% aromatics under suction or pressure. Commonly used for road and rail tanker loading and discharging, storage tank and in-plant use. Available in 40 mt coils from 1" up to 4". Available in two versions, HD (Heavy Duty) acc. to EN 13765 Type 3, and SD (Standard Duty) acc. to EN 13765 Type 2.

EXTRAFLON

Applications : Extra flexible General purpose hose suitable for the safe transfer of a wide variety of Aggressive Chemicals under suction or pressure, where the chemical resistance of polypropylene is inadequate. Commonly used for loading and unloading of road and rail tankers, storage tank and in-plant applications. Available in 40 mt coils from 1" up to 4". Available in two versions, HD (Heavy Duty) acc. to EN 13765 Type 3 with first inner layer in Pure **PTFE Skived tape**, and SD (Standard Duty) acc. to EN 13765 Type 2, with first inner layer in **ECTFE Film**.

All **COMPOTEC®** hoses are 100% antistatic, - electrically continuous, meets the EN, CE, AS, U.S. Coast Guard requirements, NAHAD Guidelines, are Lloyds and DNV approved and ATEX certificate can be released on request.



EXTRACHEM HOSE EN 13765:2015

HEAVY DUTY										STANDARD DUTY										Code	HD PZ	HD PX	SD PZ	SD PX
Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight		Maximum Length	Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight		Maximum Length	Applications	Heavy Duty Chemicals/ Solvents liquid transfer		Standard Duty Chemicals/ Solvents liquid transfer	
mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet	mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet	Colour	Green			
25	1"	15	200	4:1	80	3	0,77	40	132	25	1"	10	150	4:1	80	3	0,75	40	132	Temperature	-40 +100°C		-30 +80°C	
32	1 1/4"	15	200	4:1	100	4	1,05	40	132	32	1 1/4"	10	150	4:1	100	4	0,90	40	132					
40	1 1/2"	15	200	4:1	125	5	1,1	40	132	40	1 1/2"	10	150	4:1	100	4	1,04	40	132					
50	2"	15	200	4:1	150	6	1,6	40	132	50	2"	10	150	4:1	125	5	1,56	40	132	Inner wire	PP Coated Steel	PP Coated Steel	PP Coated Steel	PP Coated Steel
65	2 1/2"	15	200	4:1	180	7	2,1	40	132	65	2 1/2"	10	150	4:1	150	6	1,87	40	132		Galv.Steel	St.Steel	Galv.Steel	St.Steel
75/80	3"	15	200	4:1	200	8	2,5	40	132	75/80	3"	10	150	4:1	180	7	2,23	40	132					
100	4"	15	200	4:1	265	10.5	3,6	40	132	100	4"	10	150	4:1	250	10	3,62	40	132	Outer wire	Galv.Steel	St.Steel	Galv.Steel	St.Steel

EXTRAOIL HOSE EN 13765:2015

HEAVY DUTY										STANDARD DUTY										Code	HD ZZ	HD ZX	SD ZZ	SD ZX
Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight		Maximum Length	Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight		Maximum Length	Applications	Heavy Duty Fuel / Oil liquid transfer		Standard Duty Fuel / Oil liquid transfer	
mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet	mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet	Colour	Blue			
25	1"	15	200	4:1	80	3	0,77	40	132	25	1"	10	150	4:1	80	3	0,75	40	132	Temperature	-40 +100°C		-30 +80°C	
32	1 1/4"	15	200	4:1	100	4	1,05	40	132	32	1 1/4"	10	150	4:1	100	4	0,90	40	132					
40	1 1/2"	15	200	4:1	125	5	1,1	40	132	40	1 1/2"	10	150	4:1	100	4	1,04	40	132					
50	2"	15	200	4:1	150	6	1,6	40	132	50	2"	10	150	4:1	125	5	1,56	40	132	Inner wire	Galv.Steel	Galv.Steel	Galv.Steel	Galv.Steel
65	2 1/2"	15	200	4:1	180	7	2,1	40	132	65	2 1/2"	10	150	4:1	150	6	1,87	40	132		Galv.Steel	Galv.Steel	Galv.Steel	Galv.Steel
75/80	3"	15	200	4:1	200	8	2,5	40	132	75/80	3"	10	150	4:1	180	7	2,23	40	132					
100	4"	15	200	4:1	265	10.5	3,6	40	132	100	4"	10	150	4:1	250	10	3,62	40	132	Outer wire	Galv.Steel	St.Steel	Galv.Steel	St.Steel

EXTRAFLON - PTFE HOSE EN 13765:2015

HEAVY DUTY										STANDARD DUTY										Code	HD XX	HD XZ	SD XX	SD XZ
Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight		Maximum Length	Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight		Maximum Length	Applications	Heavy Duty Aggressive Chemicals liquid transfer		Standard Duty Aggressive Chemicals liquid transfer	
mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet	mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet	Colour	Red			
25	1"	15	200	4:1	80	3	0,77	40	132	25	1"	10	150	4:1	80	3	0,75	40	132	Temperature	-40 +125°C		-30 +80°C	
32	1 1/4"	15	200	4:1	100	4	1,05	40	132	32	1 1/4"	10	150	4:1	100	4	0,90	40	132					
40	1 1/2"	15	200	4:1	125	5	1,1	40	132	40	1 1/2"	10	150	4:1	100	4	1,04	40	132					
50	2"	15	200	4:1	150	6	1,6	40	132	50	2"	10	150	4:1	125	5	1,56	40	132	Inner wire	St.Steel	St.Steel	St.Steel	St.Steel
65	2 1/2"	15	200	4:1	180	7	2,1	40	132	65	2 1/2"	10	150	4:1	150	6	1,87	40	132		Galv.Steel	Galv.Steel	Galv.Steel	Galv.Steel
75/80	3"	15	200	4:1	200	8	2,5	40	132	75/80	3"	10	150	4:1	180	7	2,23	40	132					
100	4"	15	200	4:1	265	10.5	3,6	40	132	100	4"	10	150	4:1	250	10	3,62	40	132	Outer wire	St.Steel	Galv.Steel	St.Steel	Galv.Steel