

ABOUT

RUBBER HOSES

Singaflex Rubber Hoses comprises various types of mandrel & extrusion built hoses catering to a wide variety of applications, pressure ratings and temperatures.



Compressed Air Hose (20 Bar)

Tube: Black SBR/NBR – oil mist resistant

Reinforcement: High tensile textile cords

Cover: Black SBR - abrasion and ozone resistant

Application: compressed air and general industrial applications

Constant Operation: -25 °C +80 °C (-13 °F +176 °F)



General Purpose S&D Hose (10 Bar)

Tube: Black conductive EPDM

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive EPDM - abrasion and ozone resistant

Application: Water suction and delivery. Also suitable for mild chemicals and fertilizers in general industrial and agricultural applications

Constant Operation: -40 °C +100 °C (-40 °F +212 °F) depending on conveyed chemical



Steam Steel Braided Hose (18 Bar)

Tube: Black conductive EPDM

Reinforcement: One or two high tensile steel wire braids

Cover: Red EPDM

- heat, abrasion and ozone resistant - pin pricked

Application: Saturated and superheated steam

Constant Operation: -40 °C +210 °C (-40 °F +410 °F)
intermittent to 232 °C (450 °F)



Acid-Chemical S&D Hose (16 Bar)

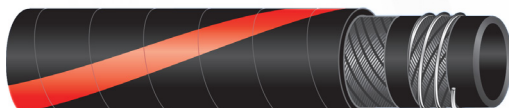
Tube: Transparent PE-X (Cross Linked Polyethylene)

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Green EPDM - abrasion and ozone resistant

Application: Acid and chemical suction and delivery. Suitable for 90% of existing chemicals

Constant Operation: -30 °C +80 °C (-22 °F +176 °F)
intermittent to 232 °C (450 °F)



Rubber Dock Hose (20 Bar)

Tube: Black NBR

Reinforcement: Cord incorporated high tensile helix wire

Cover: NBR

- abrasion, ozone, sea water and hydrocarbon resistant

Application: Fuel and oil delivery. Designed for long service life in heavy duty applications. Also suitable for bunkering service

Constant Operation: -20 °C +80 °C (-4 °F +176 °F)



Rubber Fuel S&D Hose (10 Bar)

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black CR

- abrasion, ozone, hydrocarbon and flame resistant

Application: Fuel and oil suction and delivery.

Specially designed for tank truck and general industrial applications. Also suitable for marine wet exhaust and bilge pump connection

Constant Operation: -30 °C +80 °C (-22 °F +176 °F)



Bulk Material S&D Hose (10 Bar)

Tube: Black conductive NR - abrasion resistant

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive SBR/NR - abrasion and ozone resistant

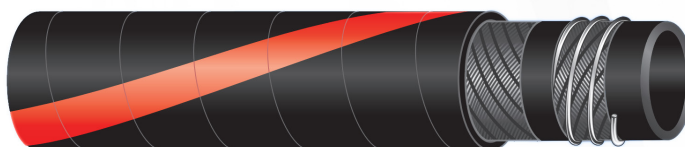
Application: Bulk material suction and delivery in heavy duty applications. Specially designed for dry cement, grain and animal feed transfer

Constant Operation: -40 °C +100 °C (-40 °F +212 °F) depending on conveyed chemical

Rubber Dock Hose

Safety Factor
3.5 : 1

Temperature
-20°C TO 80°C



Application

For transferring of petroleum based products of up to 50% aromatic content between docks and ships under all types of service conditions.

Tube

For transferring of petroleum based products of up to 50% aromatic content between docks and ships under all types of service conditions

Reinforcement

Multiple layers of cord incorporated high tensile helix wire

Cover

Smooth, Neoprene Rubber, Oil, Abrasion, Ozone and Weathering Resistant

ID		OD		Max W.P		Bend Radius	Vacuum	Weight
inch	mm	inch	mm	psi	bar	mm	%	kg/m
3	76.2	4.25	103.7	300	20	356	100	5.6
4	101.6	5.29	134.4	300	20	483	100	9.38
6	152.4	7.35	186.7	300	20	711	100	14.35
8	203.2	9.63	244.6	300	20	965	100	23.16
10	254	11.51	292.4	300	20	1219	100	29.36
12	305.5	13.94	353.9	300	20	1473	100	42.98

*Other sizes, lengths, pressure ratings and colours are available upon request

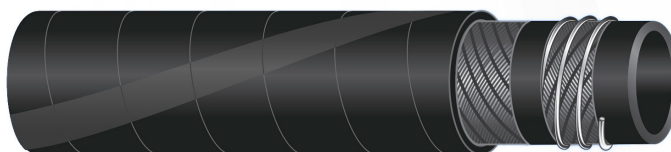
*Compliant to BS EN 1765 : 2004

SINGAFLEX RUBBER HOSES DATA

Rubber Fuel Oil Suction & Discharge (10 Bars)

Safety Factor
2.5 : 1

Temperature
-30°C TO 80°C



Application

For fuel and oil suction and delivery. Specially designed for tank truck and general industrial applications.

Tube

Black, Conductive, NBR

Reinforcement

High tensile textile cords with embedded steel helix wire

Cover

Black CR, abrasion, ozone, hydrocarbon resistant

ID		OD		Max W.P		Burst Pressure		Bend Radius	Vacuum	Weight
inch	mm	inch	mm	psi	bar	psi	bar	mm	%	kg/m
3/4	19	1.14	29	150	10	450	30	76	100	0.61
1	25	1.38	35	150	10	450	30	100	100	0.76
1-1/4	32	1.65	42	150	10	450	30	128	100	0.9
1-1/2	38	1.89	48	150	10	450	30	152	100	1.05
2	51	2.4	61	150	10	450	30	204	100	1.35
2-1/2	63	2.95	75	150	10	450	30	252	90	2.11
3	76	3.46	88	150	10	450	30	304	90	2.52
4	102	4.49	114	150	10	450	30	408	90	3.5
5	127	5.71	145	150	10	450	30	508	80	5.93
6	152	6.69	170	150	10	450	30	608	80	7.36
8	203	8.86	225	150	10	450	30	812	70	11.7

*Other sizes, lengths, pressure ratings and colours are available upon request

*Exceeds SAE 100R4, SAE J2006/R2 ISO 13363/2/A+B