



Hoses for handling crude oil and drilling spoil



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RIG STAR SD

Suction and delivery hose for crude oil, drilling mud and drill cuttings

Inner layer: black NBR rubber
Reinforcement: synthetic cord, steel spiral
Outer layer: black CR rubber
Operating temp: -30°C to +85°C

Robust suction and delivery hose designed for the transfer and handling of crude oil, petrochemical products and drilling spoil mixed with crude oil (up to 50% aromatics). Can also be used for cement, barite, seawater and brine. Inner layer of black, smooth, anti-static NBR rubber. Reinforced with layers of durable synthetic cord and steel spiral. Has a copper wire to ensure electrical continuity between hose ends. Outer layer of CR chloroprene rubber, flame retardant, abrasion, ozone, seawater and weather resistant. Elongation <10% at 20 bar. Designed as a specialised OFFSHORE hose for use on offshore platforms. Widely used on North Sea platforms. Can be used successfully in onshore applications.

Chemical resistance check: NBR chemical resistance table (pre-selection), confirmation of resistance and conditions of use by Tubes International.



index	inside diameter		external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	breaking load [kG]	mass [kg/m]	Roll length [m]
	[inch]	[mm]									
SO-RIGSTAR-SD-051	2"	51	65	7,0	20	60	0,9	204	247	2,07	60
SO-RIGSTAR-SD-076	3"	76	92	8,0	20	60	0,9	304	471	3,31	60
SO-RIGSTAR-SD-102	4"	102	118	8,0	20	60	0,9	408	770	4,66	60
SO-RIGSTAR-SD-127	5"	127	147	10,0	20	60	0,9	508	1180	7,00	60

Note: Indexes highlighted in colour - most commonly used.

RIGSTAR SD hose DN51 with 2" BSP male thread (GD- VSLB-050-050-SS, AISI 316 stainless steel) and sleeve (TILDR-068-32-SS), made of AISI 304 stainless steel. The end may also be fitted with an aluminium or stainless steel shell bracket. A solution for onshore, industrial applications, not recommended for marine loading hoses and other offshore applications.



RIGSTAR SD DN102 hose with internal fitting system internal ferrule with end with BSP 4" male thread (TM-KZBP-100) and sleeve (type TM- W), in galvanised steel. The fitting system internal provides a full diameter passage through the end (equal to the inside diameter of the hose) and is commonly used for marine (offshore) loading hoses.

The sleeve, painted with polyurethane paint, is not subject to crimping from the outside. Fittings for internal crimping are shown in the section INDUSTRIAL FITTINGS.

