Hoses for handling crude oil and drilling spoil



FUEL HARDWALL®

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

Inner layer: black NBR rubber / PVC
Reinforcement: synthetic cord, steel spiral **Outer layer:** black CR rubber
Operating temp: -20°C to +90°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).
Inner layer of black, smooth NBR/PVC rubber compound. Reinforced with layers of durable synthetic cord and steel spiral. **Features copper cords to ensure electrical continuity between hose ends - subject to correct connection to ends.** Outer layer of CR chloroprene rubber, flame retardant, resistant to oil, seawater, abrasion and weather conditions.
Designed as a specialist OFFSHORE hose for use on offshore platforms. Widely used on North Sea platforms and successfully used in onshore applications.
On special request, versions with higher working pressure (20 / 27 / 30 / 35 bar), with specific tens maximum of 2T for 2", 4T for 3" and 7T for 4", 5" and 6") and with ABS (*American Bureau of Shipp* complete cable are also available.

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	mass [kg/m]	Roll length [m]
	[inch].	[mm].								
IV-FUEL-HW-051	2"	51	66,5	7,75	17	52	0,9	255	2,07	60 / 120
IV-FUEL-HW-076	3"	76	94	9,0	20	60	0,9	380	3,50	60 / 120
IV-FUEL-HW-102	4"	102	120,5	9,25	17	52	0,9	560	5,18	60 / 120
IV-FUEL-HW-127	5"	127	151	12,0	17	52	0,9	700	8,01	60
IV-FUEL-HW-152	6"	152	181,5	14,75	17	52	0,9	910	12,05	60
IV-FUEL-HW-203	8"	203	238	17,5	17	52	0,9	1320	22,46	60

Note: Indexes highlighted in colour - most commonly used.



FUEL HARDWALL DN152 hose, 8 m in length, both sides terminated with carbon steel end fittings with 6" NPT conical male thread. Ends crimped with carbon steel sleeves - external crimping. One end fitted with a HAMMER LUG type 100 6" male coupling with nut with female thread, the other end with a HAMMER LUG type 100 6" female coupling with male thread. The complete pipe will be used for drilling mud in an onshore application.