



## Fuel and oil handling hoses



### IVALO®

**Very light and flexible suction and delivery hose for oil (up to 30% aromatics)**

**Inner layer:** black NBR rubber **Reinforcement:** synthetic cord, steel spirals

**Outer layer:** black CR rubber

**Operating temp:** -30°C to +120°C

Extremely lightweight and flexible, externally corrugated suction and delivery hose designed to transfer liquid petrochemical products containing up to 30% aromatic compounds (e.g. diesel, fuel oil, lubricating oil). Not recommended for ester-based oils. Inner layer of black, smooth NBR rubber. Reinforced with synthetic cord and two steel wire spirals. Deeply corrugated on the outside, the hose construction ensures a very small minimum bending radius and easy routing of the hose. Outer layer of CR chloroprene rubber, flame retardant in accordance with ASTM C 542, abrasion and weather resistant.

Its high flexibility and low weight make the hose easy to handle, widely used in different sizes and with various types of end fittings, for transfer and handling in light-duty outdoor applications and also in the installation of industrial equipment and vehicles.

IVALO COLD version available on special request (- 40°C÷ +100°C).

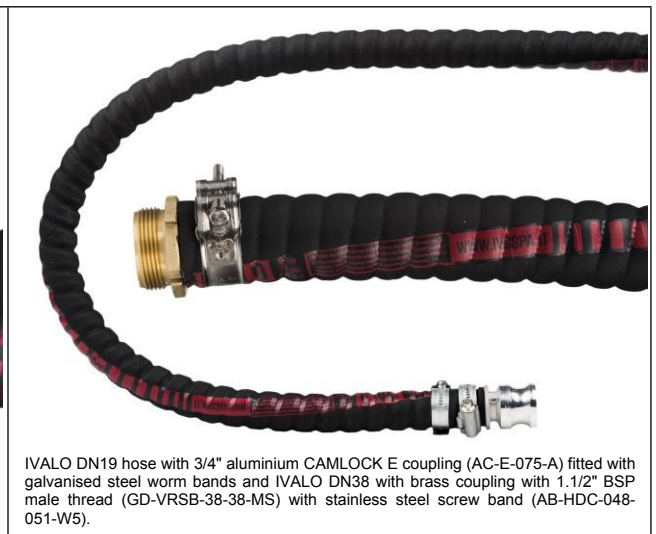
Chemical **resistance check:** NBR **chemical** resistance table (pre-selection), confirmation of resistance and conditions of use by Tubes International.

index	internal diameter [mm]	external diameter* [mm]	wall thickness* [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-IVALO-016	16	24,5	4,25	5	15	0,5	48	0,35	60
IV-IVALO-019	19	28,0	4,5	5	15	0,5	57	0,40	60
IV-IVALO-022	22	32,0	5,0	5	15	0,5	66	0,44	60
IV-IVALO-025	25	35,0	5,0	5	15	0,5	75	0,50	60
IV-IVALO-032	32	41,0	4,5	5	15	0,5	96	0,61	60
IV-IVALO-035	35	45,0	5,0	5	15	0,5	105	0,66	60
IV-IVALO-038	38	48,0	5,0	5	15	0,5	114	0,69	60
IV-IVALO-045	45	55,0	5,0	5	15	0,5	135	0,81	60
IV-IVALO-051	51	61,5	5,25	5	15	0,5	153	1,01	60
IV-IVALO-063	63,5	74,0	5,25	5	15	0,5	191	1,23	60
IV-IVALO-076	76	87,0	5,5	5	15	0,5	228	1,68	60
IV-IVALO-090	90	101,5	5,75	5	15	0,5	270	2,05	60
IV-IVALO-102	102	113,5	5,75	5	15	0,5	306	2,51	60

Notes: indices highlighted in colour - most commonly used; \* - approximate values due to corrugated hose construction



IVALO hose DN25 with hydraulic end with 1" BSP internal thread in AISI 316 stainless steel (TI-ZBW110-16-16-SS) mounted with sleeve (TI-L-37-16-SS) in AISI 304 stainless steel and IVALO DN76 with CAMLOCK E 3" coupling in aluminium (AC-E-300-A) mounted with bands (AB-03009009) in galvanised steel.



IVALO DN19 hose with 3/4" aluminium CAMLOCK E coupling (AC-E-075-A) fitted with galvanised steel worm bands and IVALO DN38 with brass coupling with 1.1/2" BSP male thread (GD-VRSB-38-38-MS) with stainless steel screw band (AB-HDC-048-051-W5).

