



Fuel and oil handling hoses



CARACAS® , CARACAS 50

Lightweight and flexible fuel and oil handling hose with integrated copper anti-static cable

Inner layer: black synthetic rubber
Reinforcement: synthetic braid, steel spirals
Outer layer: black synthetic rubber
Operating temp: -20°C to +70°C

Lightweight, highly flexible suction and delivery hose for the handling and transfer of liquid petrochemical products. It can be used for diesel and petrol. The standard version of CARACAS is recommended for fuels with up to 30% aromatic hydrocarbons, while the CARACAS 50 version is recommended for more aggressive fuels (up to 50% aromatic compounds).

Inner layer of black, smooth synthetic rubber. Reinforced with synthetic cord and two steel wire spirals. **Has a copper cord to ensure electrical continuity between the hose ends and to dissipate static electricity - provided the cord is correctly connected to the ends.** Outer layer of black corrugated synthetic rubber, oil, fuel and weather resistant.

Thanks to the external corrugation, the hose is very flexible and supple - its minimum bend radius is only 2.5 x internal diameter. It is also lightweight and easy to handle. It is ideal for handling systems, fuel tankers in not-so-heavy external working conditions.

On special request, the following versions are available: CARACAS EASY - adapted for connection with EASY SHELL shell clamps and CARACAS COLD EVOLUTION with an operating temperature of -50°C to +50°C for cold climate conditions.

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]
CARACAS version up to 30% aromatic compounds									
IV-CARACAS-032	32	43,5	5,75	6	18	0,6	80	0,93	60
IV-CARACAS-038	38	50	6	6	18	0,6	95	1,19	60
IV-CARACAS-051	51	63	6	6	18	0,6	128	1,54	60
IV-CARACAS-063	63,5	77	6,75	6	18	0,6	159	2,27	60
IV-CARACAS-076	76	90	7	6	18	0,6	190	2,65	60
IV-CARACAS-102	102	117	7,5	6	18	0,6	255	3,68	60
CARACAS version 50 to 50% aromatic compounds									
IV-CARACAS50-050	51	63	6	6	18	0,6	128	1,39	60
IV-CARACAS50-063	63,5	77	6,75	6	18	0,6	159	1,77	60
IV-CARACAS50-075	76	90	7	6	18	0,6	190	2,19	60
IV-CARACAS50-102	102	117	7,5	6	18	0,6	255	2,90	60

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



CARACAS hose DN102 with stainless steel (AISI 316) CAMLOCK E 4" coupling (AC-E-400-SS) mounted with strong AISI 316 stainless steel screw ties (AB-DPC-110-120-W5).

CARACAS hose DN51 with CAMLOCK E 2" aluminium coupling (AC-E-200-A) mounted with galvanised steel worm bands.

