



FICHA TÉCNICA DATA SHEET



Diseñada con una tecnología de vanguardia desarrollada con polímeros especiales, hacen a la PETROLERA BUNKER FLAT TRACTION PLUS la manguera más innovadora del mercado en aplicaciones de Bunkering Petrolífero (aceites minerales y / o combustibles con contenido aromático hasta el 50%), consiguiendo la mayor resistencia al ozono (envejecimiento) y la mayor resistencia a la abrasión hasta el momento.

Designed with cutting-edge technology developed with special polymers, our PETROLERA BUNKER FLAT TRACTION PLUS is the most innovative hose on the market in Petroleum Bunkering applications (mineral oils and/or fuels aromatic content up to 50%), achieving the highest resistance to ozone (aging) and the highest resistance to abrasion to date.

CONSTRUCTION

TUBE

- NBR rubber, black colour, antistatic ($R < 10^6$ Ohm), smooth.

REINFORCEMENT

- High strength plies of synthetic cord.
- Built-in copper wires.

COVER

- CR rubber, black colour, antistatic ($R < 10^6$ Ohm), resistant to abrasion, ozone, sea water, weather and contact with fats and mineral oils, smooth, cloth finish.
- Self-extinguishing acc. to standard ASTM C 542.

TEMPERATURE RANGE

- From -20°C to $+82^{\circ}\text{C}$.

SAFETY FACTOR

- ≥ 4 times working pressure.

STANDARDS

- In accordance with UNI EN 1765 (former BS 1435 Type L 15).

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: According to EN 1765:2004

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Vacuum BAR	Min. bending radius mm (*)	Approx. weight kg/m (**)	Max. length m
50	66	8.0	15	60	-	300	2.30	40
75	95	10.0	15	60	-	450	3.45	40
100	122	11.0	15	60	-	600	5.00	40
150	173	11.5	15	60	-	900	7.50	20
200	225	12.5	15	60	-	1200	11.00	20
250***	280	15.0	15	60	-	1500	16.00	12

(*) Bending radius at a W.P. ≥ 3.5 bar. (**) The a.m. weight does not include the fittings. (***) DN 250 is only supplied with vulcanized fitting. Chemical resistance acc. to MTG Chemical Resistance Chart. Other sizes are available upon request. Above technical data are based on application at room temperature ($+20^{\circ}\text{C}$).

- This hose is only supplied in service lengths with couplings at the ends and electrically continuous or discontinuous between the two ends.

