



SM TR 311

According to EN ISO 7840 A1 and EN ISO 13363

Designed and approved for use in water cooling exhaust gas systems and also as fire resistant fuel hose for craft. Suitable for general loading and unloading oils and fuel service.

Hose Construction

Tube: Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), NBR rubber compound, resistant to exhaust gas, sea water, oil and fuel having an aromatic content not exceeding 50 %

Reinforcement: Synthetic textile fabrics and embedded steel wire helix

Cover: Black, smooth, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), NBR/SBR rubber compound, resistant to flame, heat, oil and fuel, abrasion, ageing and weathering



- Type approval by RINA and Lloyd's Register
- Designed for exhaust gas and refueling
- Suitable for craft according to European Directive 94/25/EC
- Fire resistant fuel hose
- Burst Pressure Value 6,5:1
- Vacuum 0.8 bar

Tolerances

On inside diameter	
≤ I.D. 38 mm	± 0.79 mm
I.D. 40 - 60 mm	± 1.50 mm
≥ I.D. 63.5 mm	± 2.00 mm
Length tolerance	± 1 %

Note

Ondulated version on request

Temperature Range

-20 °C (-4 °F) to +100 °C (+212 °F)

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36971005/40	19	29	0.3	43.5	3	0.63	120	Y
IH36971006/40	25	35	0.3	43.5	3	0.77	150	Y
IH36974109/40	32	42	0.3	43.5	3	0.94	190	Y
IH36974107/40	38	48	0.3	43.5	3	1.09	230	Y
IH36974111/40	45	55	0.3	43.5	3	1.26	270	Y
IH36974112/40	50	60	0.3	43.5	3	1.41	300	Y
IH36974114/40	63.5	73.5	0.3	43.5	3	1.85	380	Y
IH36974115/20	76	86	0.3	43.5	3	2.29	455	Y
IH36974116/20	90	100	0.3	43.5	3	2.67	540	Y
IH36974117/20	102	113	0.3	43.5	3	3.24	610	Y
IH36974119/20	125	139	0.3	43.5	3	5.02	750	N
IH36974121/15*	150	171	0.3	43.5	3	10.00	900	N

*Comply only EN ISO 13363

RUBBER HOSE SM/TR 311 - EXHAUST AND FUEL HOSE - I.D. mm - CE.... - NORDIC BOAT STANDARD 1990 EN ISO 7840 A1 - EN ISO 13363:2004 Type 2 Class B - Quarter Year MADE IN ITALY

