



**Thermoplastic polyester hoses**



**ATOXIC 8 MARINE**

**High-pressure thermoplastic hose R8 atoxic Inner layer**

**Reinforcement:** Atoxic polyester  
**layer:** double aramid braid  
**Outer layer:** Micro-perforated polyurethane  
**Operating temp:** -40°C to +82°C  
 (for water and air up to +70°C)

Lightweight, flexible hose designed for liquids, gases, air. The atoxic inner layer material is suitable for contact with foodstuffs and breathing air - complies with FDA 21 CFR, Directive 2011/10/EC. The hose can operate in high humidity environments. The outer layer is resistant to UV radiation and microorganisms. The hose must be sterilised after fitting the ends. It is not suitable for medical or pharmaceutical applications or for food liquids containing alcohol.

**Standards:** SAE 100R8, ISO 3949-R8.

**Fitting:** Use type Z fittings (IT-65).

index	internal diameter [mm]	external diameter [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	weight [kg / 100 m]
ZC-AT8MARINE-05	4,8	10	350	1400	35	7,20
ZC-AT8MARINE-06	6,4	11,8	350	1400	50	9,70
ZC-AT8MARINE-10	9,7	16	280	1120	70	14,90
ZC-AT8MARINE-13	13	20,3	245	980	95	22,50
ZC-AT8MARINE-19	19,2	26,5	165	660	150	35,20



**050 CO2**

**High-pressure thermoplastic hose for carbon dioxide**

**Inner layer:** polyester  
**Reinforcement:** single braided steel  
**Outer layer:** Micro-perforated polyurethane  
**Operating temp:** -60°C to +93°C

Hose designed for CO<sub>2</sub> installation in industrial and marine firefighting systems. Resistant to very low temperatures.

**Fitting:** Use type Z fittings (IT-107).

index	internal diameter [mm]	external diameter [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	weight [kg / 100 m]
TO-050CO2-05	5	9,7	300	1200	30	12,50
TO-050CO2-06	6,5	11,7	275	1100	40	15,50
TO-050CO2-08	8,1	13,2	212	850	55	19,50
TO-050CO2-10	9,8	15,5	212	850	65	23,00
TO-050CO2-13	13	18,8	175	700	85	30,00
TO-050CO2-16	16,3	22	140	560	115	32,00

