

# 052 R7 Mariner

## Thermoplastic hose for marine hydraulic applications

From 70 to 210 bar (1000 to 3000 psi)



### FEATURES

#### Inner tube

Polyester elastomer

#### Reinforcement

One or two braids of synthetic fiber

#### Cover

Polyurethane, black, pinpricked, white ink-jet branding

#### Applications

- Marine and off-shore equipment
- Boats
- Cranes
- Marine transport systems

#### Features

- Lightweight
- Flexible
- Compact
- Bonded construction
- Abrasion resistant
- Pinpricked cover

#### Description

Meets or exceeds SAE 100R7. Medium pressure hose suitable for petroleum, synthetic or water based hydraulic fluids used in applications requiring increased resistance to seawater and saline environment. Is also recommended for general on-shore equipment working in high humidity environment.

#### Temperature range

-40°C to +100°C (-40°F to +212°F)  
Limited to +70°C (+158°F) for air and water based fluids

#### Vacuum rating

-0,93 bar / -700 mm Hg  
-13,5 psi / -27,5 inch Hg

#### Specifications

SAE 100R7 / EN855-R7 / ISO3949-R7

**MEDIUM**  
PRESSURE

PILOT FL

**SAE 100R7**

ANSI A92.2

**HIGH**  
PRESSURE

**CONSTANT**  
PRESSURE

**VERY HIGH**  
PRESSURE

SPECIALITIES

### APPLICATIONS



### PACKAGING



Part No.	Hose size		ID		OD		WP		BP	Safety factor	Bend radius		Weight		Ferrule part no.			
	dash	inch	DN	mm	inch	mm	inch	bar			psi	mm	inch	g/m	lbs/ft	carbon	stainless	
0520	-2	1/8"	4	4,00	0,157	8,30	0,327	210	3000	840	12000	4:1	25	0,98	45	0,030	SAB101	SAB801
0521	-3	3/16"	5	5,00	0,197	9,60	0,378	210	3000	840	12000	4:1	25	0,98	60	0,040	SAB111	SAB811
0522	-4	1/4"	6	6,50	0,256	12,20	0,480	210	3000	840	12000	4:1	35	1,38	100	0,067	SAB121	SAB821
0523	-5	5/16"	8	8,10	0,319	14,30	0,563	190	2700	760	10800	4:1	45	1,77	130	0,087	SAB131	SAB831
0524	-6	3/8"	10	9,70	0,382	16,00	0,630	160	2300	640	9200	4:1	55	2,17	145	0,097	SAB141	SAB841
0525	-8	1/2"	12	13,00	0,512	20,30	0,799	140	2000	560	8000	4:1	75	2,95	215	0,144	SAB151	SAB851
0526	-10	5/8"	16	16,30	0,642	23,70	0,933	105	1500	420	6000	4:1	110	4,33	275	0,185	SAB161	SAB861
0527	-12	3/4"	20	19,50	0,768	27,10	1,067	90	1300	360	5200	4:1	140	5,51	330	0,222	SAB171	SAB871
0528	-16	1"	25	25,90	1,020	34,00	1,339	70	1000	280	4000	4:1	190	7,48	445	0,299	SAB181	SAB881