

054 R8 Mariner

Thermoplastic hose for marine high pressure hydraulic applications

From 140 to 420 bar (2000 to 6000 psi)



FEATURES

Inner tube

Polyester elastomer

Reinforcement

One or two braids of aramid fiber

Cover

Polyurethane, black, pinpricked, white ink-jet branding

Applications

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

Features

- Aramid reinforcement for high pressure performance
- Lightweight
- Flexible
- Compact
- Bonded construction
- Abrasion resistant
- Pinpricked cover

Description

Meets or exceeds SAE 100R8. High 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 100R8 / EN855-R8 / ISO3949-R8

MEDIUM PRESSURE

HIGH PRESSURE

1SB STEEL BRAID

SAE 100R8

HR8

2SB-TWO STEEL BRAID

HDH

CONSTANT PRESSURE

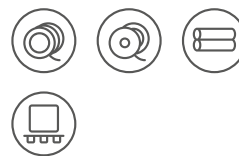
VERY HIGH PRESSURE

SPECIALITIES

APPLICATIONS



PACKAGING



CERTIFICATION

ABS DNV-GL

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	bar		psi	mm	inch	g/m	lbs/ft	carbon	stainless
0540	-2	1/8"	4	4,00	0,157	8,00	0,315	420	6000	1680	24000	4:1	25	0,98	45	0,030	SAB101	SAB801
0541	-3	3/16"	5	5,00	0,197	8,90	0,350	350	5000	1400	20000	4:1	30	1,18	50	0,034	SAB111	SAB811
0542	-4	1/4"	6	6,50	0,256	11,50	0,453	350	5000	1400	20000	4:1	50	1,97	80	0,053	SAB121	SAB821
0543	-5	5/16"	8	8,10	0,319	13,40	0,528	300	4300	1200	17200	4:1	55	2,17	105	0,071	SAB131	SAB831
0544	-6	3/8"	10	9,70	0,382	15,50	0,610	280	4000	1120	16000	4:1	60	2,36	130	0,087	SAB141	SAB841
0545	-8	1/2"	12	13,00	0,512	19,90	0,783	245	3500	980	14000	4:1	80	3,15	205	0,134	SAB151	SAB851
0546	-10	5/8"	16	16,30	0,642	23,40	0,921	200	2900	800	11600	4:1	125	4,92	245	0,168	SAB161	SAB861
0547	-12	3/4"	20	19,50	0,768	27,10	1,067	165	2300	660	9200	4:1	150	5,91	310	0,208	SAB171	SAB871
0548	-16	1"	25	25,90	1,020	34,20	1,346	140	2000	560	8000	4:1	200	7,87	440	0,296	SAB181	SAB881