

056 1SB steel braid mariner

Thermoplastic hose with steel reinforcement for marine hydraulic applications

From 95 to 300 bar (1300 to 4300 psi)



FEATURES

Inner tube

Polyester elastomer

Reinforcement

One braid of steel wire

Cover

Polyurethane, black, non pinpricked, white ink-jet branding

Applications

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

Features

- Slimline construction for compact installation and flexibility
- Lightweight
- Steel braid offers low volumetric expansion and optimum change in length characteristics
- Abrasion resistant

Description

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. Steel braid offers increased mechanical protection compared to yarn braided hoses.

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 100R1. Meets or exceeds pressure specifications of EN 853 1ST, EN 853 1SN and EN 857 1SC

MEDIUM
PRESSURE

HIGH
PRESSURE

1SB
STEEL BRAID

SAE 100R8

HR8

2SB-TWO
STEEL BRAID

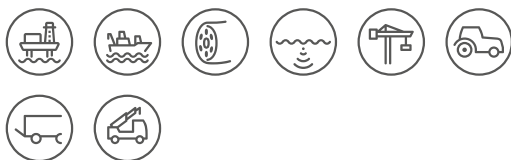
HDH

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 | bar | | psi | mm | inch | g/m | lbs/ft | carbon | stainless |
| 0561 | -3 | 3/16" | 5 | 5,00 | 0,197 | 9,70 | 0,382 | 360 | 5200 | 1440 | 20800 | 4:1 | 30 | 1,18 | 125 | 0,084 | SAB111 | SAB811 |
| 0562 | -4 | 1/4" | 6 | 6,50 | 0,256 | 11,70 | 0,461 | 310 | 4500 | 1240 | 18000 | 4:1 | 40 | 1,57 | 165 | 0,111 | SAB121 | SAB821 |
| 0563 | -5 | 5/16" | 8 | 8,10 | 0,319 | 13,20 | 0,520 | 250 | 3600 | 1000 | 14400 | 4:1 | 55 | 2,17 | 190 | 0,128 | SAB131 | SAB831 |
| 0564 | -6 | 3/8" | 10 | 9,80 | 0,386 | 15,50 | 0,610 | 225 | 3200 | 900 | 12800 | 4:1 | 65 | 2,56 | 230 | 0,155 | SAB141 | SAB841 |
| 0565 | -8 | 1/2" | 12 | 13,00 | 0,512 | 18,80 | 0,740 | 190 | 2700 | 760 | 10800 | 4:1 | 85 | 3,35 | 300 | 0,202 | SAB151 | SAB851 |
| 0566 | -10 | 5/8" | 16 | 16,30 | 0,642 | 22,00 | 0,866 | 140 | 2000 | 560 | 8000 | 4:1 | 115 | 4,53 | 330 | 0,222 | SAB161 | SAB861 |
| 0567 | -12 | 3/4" | 20 | 19,50 | 0,768 | 25,80 | 1,016 | 115 | 1600 | 460 | 6400 | 4:1 | 145 | 5,71 | 460 | 0,309 | SAB171 | SAB871 |
| 0568 | -16 | 1" | 25 | 25,80 | 1,016 | 33,40 | 1,315 | 95 | 1300 | 380 | 5200 | 4:1 | 180 | 7,09 | 640 | 0,430 | SAB181 | SAB881 |