

150 HDH Heavy duty hydraulic steel armoured

MEDIUM
PRESSURE

HIGH
PRESSURE

1SB
STEEL BRAID

SAE 100R8

HR8

2SB-TWO
STEEL BRAID

HDH

CONSTANT
PRESSURE

VERY HIGH
PRESSURE

SPECIALITIES

Thermoplastic hose with combined reinforcement for high pressure hydraulic applications
From 350 to 500 bar (5000 to 7200 psi)



FEATURES

Inner tube

Polyester elastomer

Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

Cover

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

Applications

- General hydraulic applications requiring high mechanical protection properties of hose and

braid combined with high pressure:

- Construction equipment
- Hoisting and handling equipment
- Machine tools

Features

- Rugged construction for HD application and prolonged lifetime
- Combined reinforcement 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 in hydraulic systems. Suitable for general fluid power transmission like earthmoving, forklift trucks, HD construction machinery, hoisting and handling equipment, high pressure equipment. Steel braid design offers very high mechanical strength which prolongs lifetime of the hose in harsh conditions.

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

Exceeds pressure performance requirements of SAE 100R8 / EN855-R8 / ISO3949-R8

APPLICATIONS



PACKAGING



CERTIFICATION



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
1502	-4	1/4"	6	6,50	0,256	12,60	0,496	500	7200	2000	28800	4:1	40	1,57	175	0,118	SAC121	SAC821
1504	-6	3/8"	10	9,70	0,382	16,90	0,665	420	6000	1680	24000	4:1	60	2,36	280	0,188	SAC141	SAC841
1505	-8	1/2"	12	13,00	0,512	20,30	0,799	350	5000	1400	20000	4:1	80	3,15	345	0,232	SAC151	SAC851
1507	-12	3/4"	20	19,50	0,768	28,50	1,122	250	3600	1000	14400	4:1	150	5,91	555	0,373	SA5171	SA5871