085 2SB Two steel braids antiabrasion

Thermoplastic hose with double steel reinforcement for high pressure hydraulic applications
From 150 to 400 bar (2100 to 5800 psi)



FEATURES

Inner tube
Polyester elastomer

Reinforcement
Two braids 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 equipments
— Machine tools

Features
— Rugged construction for HD application and prolonged lifetime
— Two 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 in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, forklift trucks, HD construction machinery, hoisting and handling equipment, high pressure equipment. Two 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
Meets the pressure performance requirements of SAE 100R2

APPLICATIONS

PACKAGING

CERTIFICATION

U.S. Department of Labor MSHA Mine Safety & Health Administration

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
0852	-4	1/4"	6	6,40	0,252	12,80	0,504	400	5.800	1.600	23.200	4:1	40	1,57	245	0,165	SAC121	SAC821
0853	-5	5/16"	8	8,10	0,319	14,80	0,583	400	5.800	1.600	23.200	4:1	50	1,97	315	0,212	SAC131	SAC831
0854	-6	3/8"	10	9,80	0,386	16,80	0,661	330	4.700	1.320	18.800	4:1	65	2,56	375	0,252	SAC141	SAC841
0855	-8	1/2"	12	13,00	0,512	20,20	0,795	260	3.700	1.040	14.800	4:1	85	3,35	460	0,309	SAC151	SAC851
0856	-10	5/8"	16	16,30	0,642	23,50	0,925	220	3.100	880	12.400	4:1	115	4,53	560	0,376	SAC161	SAC861
0857	-12	3/4"	20	19,50	0,768	27,80	1,094	150	2.100	600	8.400	4:1	170	6,69	715	0,481	SAC171	SAC871