

# // 087 1SB STEEL BRAID ANTIABRASION

Thermoplastic hose with steel reinforcement  
for hydraulic applications

from 95 to 360 bar  
(1300 to 5200 psi)



## FEATURES

### INNER TUBE

Polyester elastomer.

### REINFORCEMENT

One braid of steel wire.

### COVER

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

### APPLICATIONS

General hydraulic applications requiring additional mechanical protection // Construction and agricultural equipment // Agricultural brake systems // Hoisting and handling application // Industrial machines.

### FEATURES

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

### TEMPERATURE RANGE

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

### DESCRIPTION

High pressure hose suitable for petroleum, synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, agricultural machinery, forklifts trucks and other high pressure equipment. Steel braid offers increased mechanical protection compared to yarn braided hoses.

### 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.

## APPLICATIONS



## OTHER FEATURES



STANDARD



Coils



Pallet

OPTIONAL



Reel



Twin multiline

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	std	A316L
0871	-3	3/16"	DN5	5,00	0,197	9,70	0,382	360	5200	1440	20800	4:1	30	1,18	120	0,081		
0872	-4	1/4"	DN6	6,50	0,256	11,70	0,461	310	4500	1240	18000	4:1	40	1,57	165	0,111		
0873	-5	5/16"	DN8	8,10	0,319	13,20	0,520	250	3600	1000	14400	4:1	55	2,17	190	0,128		
0874	-6	3/8"	DN10	9,80	0,386	15,50	0,610	225	3200	900	12800	4:1	65	2,56	230	0,155		
0875	-8	1/2"	DN12	13,00	0,512	18,80	0,740	190	2700	760	10800	4:1	85	3,35	300	0,202		
0876	-10	5/8"	DN16	16,30	0,642	22,00	0,866	140	2000	560	8000	4:1	115	4,53	335	0,225		
0877	-12	3/4"	DN20	19,50	0,768	25,80	1,016	115	1600	460	6400	4:1	145	5,71	440	0,296		
0878	-16	1"	DN25	25,80	1,016	33,00	1,299	95	1300	380	5200	4:1	180	7,09	650	0,437		

## BRANDING

TRANSFER OIL-TO HYDRAULIC-<PART No>-1SB-STEEL BRAID ANTIABRASION-<INCH SIZE>-<DN SIZE>-WP<WP bar>bar/<WP psi>psi-MADE IN ITALY-www.transferoil.com-<BATCH No>

