

8500 SERIES

SAE J517 100R15

8500 Series hoses offer a constant pressure at 6090PSI, available in sizes ranging from 3/8 inch to 2 inches. Designed for heavy duty hydraulic applications, it exceeds SAE 100R15 specifications.

Features:

- High impulse applications, (exceeds 1,000,000 cycles)
- Abrasion resistant cover (optional) with 30 times or 300 times stronger abrasion resistant available.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
8506	3/8	9.5	20.2	6090	420	24360	1680	150	0.76	G80
8508	1/2	12.7	21.2	6090	420	24360	1680	200	0.99	G89
8510	5/8	15.9	24.0	6090	420	24360	1680	230	1.23	G89
8512	3/4	19.1	32.0	6090	420	24360	1680	265	1.56	P90
8516	1	25.4	39.0	6090	420	24360	1680	330	1.98	P90
8520	1.1/4	31.8	50.0	6090	420	24360	1680	445	2.89	P90
8524	1.1/2	38.1	57.0	6090	420	24360	1680	630	4.25	P90
8532	2	50.8	70.0	6090	420	24360	1680	700	5.43	P90

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

- 6 to -16, Four (4) high tensile spiral wire.
- 20 to -32, Six (6) high tensile spiral wire.

Cover: Standard Synthetic Rubber, TC Abrasion Resistant

Cover with 30X resistant or Extreme Tough Cover with 300X resistant. MHSA Compliance.

Temperature Range

-40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the Standard Cover. To specify the Tough Cover, add '-TC' to the end of the Standard Cover part number, or '-ETC' for Extreme Tough Cover. (e.g., 8512-TC, 8524-32D-ETC).

The dimensions and specifications stated are subject to change without prior notice.



8300 SERIES

SAE J517 100R13

8300 Series hoses offer a constant pressure at 5070PSI, available in sizes ranging from 3/8 inch to 2 inches. Designed for heavy duty hydraulic applications, it exceeds 100R13 specifications.

Features:

- High impulse applications (exceeds 1,000,000 cycles)
- Abrasion resistant cover (optional) with 30 times or 300 times stronger abrasion resistant available.



PART B
HYD. HOSE



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
8306	3/8	9.5	20.2	5070	350	20280	1399	180	0.75	G80
8308	1/2	12.7	21.2	5070	350	20280	1399	230	0.90	G89
8310	5/8	15.9	23.9	5070	350	20280	1399	250	1.06	G89
8312	3/4	19.1	32.0	5070	350	20280	1399	240	1.36	P90
8316	1	25.4	39.0	5070	350	20280	1399	300	2.12	P90
8320	1.1/4	31.8	50.0	5070	350	20280	1399	420	3.75	P90
8324	1.1/2	38.1	57.0	5070	350	20280	1399	500	5.49	P90
8332	2	50.8	71.7	5070	350	20280	1399	630	7.13	P90

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

-6 to -16 Four (4) high tensile spiral wire.

-20 to -32, Six (6) high tensile spiral wire.

Cover: Standard Synthetic Rubber, Optional TC Abrasion Resistant Cover with 30X resistant or Extreme Tough Cover with 300X resistant. MSHA Compliance.

Temperature Range

-40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the **Standard Cover**. To specify the **Tough Cover**, add '-TC' to the end of the Standard Cover part number, or '-ETC' for **Extreme Tough Cover**. (e.g., 8312-TC, 8324-32-ETC).

The dimensions and specifications stated are subject to change without prior notice.

8200 SERIES

SAE J517 100R12

8300 Series hoses offer high impulse application, available in sizes ranging from 3/8 inch to 2 inches. Designed for heavy duty hydraulic applications, it exceeds 100R12 specifications.

Features:

- High impulse applications (exceeds 1,000,000 cycles)
- Abrasion resistant cover (optional) with 30 times or 300 times stronger abrasion resistant available.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm		psi	Bar	psi	Bar			
8206	3/8	9.5	20.1	4060	280	16240	1120	125	0.76	G80
8208	1/2	12.7	22.5	4060	280	16240	1120	180	0.91	G80
8210	5/8	15.9	27.1	4060	280	16240	1120	200	1.12	G80
8212	3/4	19.1	31.0	4060	280	16240	1120	240	1.44	G80
8216	1	25.4	38.0	4060	280	16240	1120	300	1.87	G80
8220	1.1/4	31.8	43.5	3040	210	12160	839	420	2.78	P89
8224	1.1/2	38.1	53.1	2530	174	10120	698	500	4.09	P89
8232	2	50.8	67.0	2530	174	10120	698	640	5.31	P89

Constructions

Inner Tube: Synthetic rubber

Reinforcement: Four (4) high tensile spiral wire.

Cover: Standard Synthetic Rubber, Optional TC Abrasion Resistant Cover with 30X resistant or Extreme Tough Cover with 300X resistant. MHSA Compliance.

Temperature Range

-40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the Standard Cover. To specify the Tough Cover, add 'TC' to the end of the Standard Cover part number, or 'ETC' for Extreme Tough Cover. (e.g., 8212-TC, 8224-32-ETC).

The dimensions and specifications stated are subject to change without prior notice.

8900 SERIES

EN856 TYPE 4SH

8900 Series hoses available in sizes ranging from 5/8 inch to 2 inches. Designed for heavy duty hydraulic applications, it exceeds EN856 TYPE 4SH specifications.



PART B
HYD. HOSE

Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
8910	5/8	15.9	27.0	6520	450	26080	1799	250	1.08	G80
8912	3/4	19.1	31.0	6090	420	24360	1680	280	1.64	P90
8916	1	25.4	38.9	5580	385	22320	1539	340	2.12	P90
8920	1.1/4	31.8	45.1	5070	350	20280	1399	460	2.77	P89
8924	1.1/2	38.1	53.1	4350	300	17400	1200	560	3.77	P89
8932	2	50.8	68.1	3620	250	14480	999	700	5.06	P89

Constructions

Inner Tube: Synthetic rubber
Reinforcement: Four (4) high tensile spiral wire.
Cover: Synthetic Rubber. MHSA Compliance.

Temperature Range

-40°C to +121°C (-40°F to +250°F)

The dimensions and specifications stated are subject to change without prior notice.

8000 SERIES

EN856 TYPE 4SP

8000 Series hoses available in sizes ranging from 3/8 inch to 2 inches. Designed for heavy duty hydraulic applications, it exceeds EN856 TYPE 4SP specifications.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
8006	3/8	9.5	20.1	6520	450	26080	1799	180	0.75	G80
8008	1/2	12.7	22.8	6090	420	24360	1680	230	0.90	G80
8010	5/8	15.9	26.4	5510	380	22040	1520	250	1.06	G80
8012	3/4	19.1	31.0	5510	380	22040	1520	300	1.63	G80
8016	1	25.4	38.0	4640	320	18560	1280	340	2.07	G80

Constructions

Inner Tube: Synthetic rubber
Reinforcement: Four (4) high tensile spiral wire.
Cover: Synthetic Rubber. MHSA Compliance.

Temperature Range

-40°C to +121°C (-40°F to +250°F)

The dimensions and specifications stated are subject to change without prior notice.

