

4400 SERIES

SAE100R14 TYPE A (PTFE HOSE)

For Air compressor, high temperature oil and fluids.



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	
4404	3/16	5	7.87	1500	103	6000	414	50.8	0.10	
4405	1/4	6.3	9.65	1500	103	6000	414	76.2	0.12	
4406	5/16	8	11.43	1500	103	6000	414	101.6	0.15	
4408	13/32	10	13.97	1000	69	4000	276	134.62	0.18	
4410	1/2	12.5	16.51	800	55	3200	220	165.1	0.24	
4412	5/8	16	20..07	800	55	3200	220	198	0.27	
4416	7/8	22	26.16	800	55	3200	220	229	0.39	

Constructions

Inner Tube: Non-conductive, Polytetrafluorethylene (PTFE)

Reinforcement: One high tensile SS300 stainless steel braid.

Temperature Range

-54°C to +204°C (-65°F to +400°F)

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



4400CV SERIES (CONVOLUTED)

SAE100R14 TYPE A (PTFE HOSE)

Convoluted tube construction, for Air compressor, high temperature oil and fluids.



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	
4404CV	3/16	5		1500	103	6000	414			
4405CV	1/4	6.3		1500	103	6000	414			
4406CV	5/16	8		1500	103	6000	414			
4408CV	13/32	10		1000	69	4000	276			
4410CV	1/2	12.5		800	55	3200	220			
4412CV	5/8	16		800	55	3200	220			
4416CV	7/8	22		800	55	3200	220			

Constructions

Inner Tube: Non-conductive, Polytetrafluorethylene (PTFE). Corrugated.
Reinforcement: One high tensile SS300 stainless steel braid.

Temperature Range

-54°C to +204°C (-65°F to +400°F)

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

TP70 (THERMOPLASTIC)

SAE100R7

Thermoplastic hose. Design and built for petroleum, hydraulic application. Exceeds SAE100R7 specification.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm		psi	Bar	psi	Bar			
TR7002	1/8	3.2	8.4	3000	207	12000	828	12.7	0.07	
TP7003	3/16	4.8	11.2	3000	207	12000	828	19.1	0.09	
TP7004	1/4	6.4	13.5	2750	190	11000	759	31.8	0.13	
TP7005	5/16	7.9	15.0	2500	172	10000	690	44.5	0.15	
TP7006	3/8	9.5	16.8	2250	155	9000	621	50.8	0.18	
TP7008	1/2	12.7	21.1	2000	138	8000	552	76.2	0.25	
TP7012	3/4	19.1	27.2	1250	86	5000	345	127	0.33	
TP7016	1	25.4	33.5	1000	69	4000	276	203	0.42	

Constructions

Inner Tube: Nylon Type Z
Reinforcement: High tensile synthetic fiber braid.
Cover: Black urethane. Suitable for general hydraulic applications.

Temperature Range

-54°C to +93°C (-65°F to +200°F) continuous service.

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



TP70NC (THERMOPLASTIC)

SAE100R7 (NON-CONDUCTIVE)

Non-conductive thermoplastic hose. Design and built for petroleum, hydraulic application. Exceeds SAE100R7 specification.



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	
TR7002NC	1/8	3.2	8.4	3000	207	12000	828	12.7	0.07	
TP7003NC	3/16	4.8	11.2	3000	207	12000	828	19.1	0.09	
TP7004NC	1/4	6.4	13.5	2750	190	11000	759	31.8	0.13	
TP7005NC	5/16	7.9	15.0	2500	172	10000	690	44.5	0.15	
TP7006NC	3/8	9.5	16.8	2250	155	9000	621	50.8	0.18	
TP7008NC	1/2	12.7	21.1	2000	138	8000	552	76.2	0.25	
TP7012NC	3/4	19.1	27.2	1250	86	5000	345	127	0.33	
TP7016NC	1	25.4	33.5	1000	69	4000	276	203	0.42	

Constructions

Inner Tube: Nylon Type Z

Reinforcement: High tensile synthetic fiber braid.

Cover: Orange urethane. Suitable for electrical non-conductivity application. Meets SAE100R7 Electrical Conductivity test.

Temperature Range

-54°C to +93°C (-65°F to +200°F) continuous service.

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

TP70TW (TWIN THERMOPLASTIC)

SAE100R7

Thermoplastic hose. Design and built for petroleum, hydraulic application. Exceeds SAE100R7 specification.



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	
TP7004TW	1/4	6.4	13.5	2750	190	11000	759	31.8	0.26	
TP7005TW	5/16	7.9	15.0	2500	172	10000	690	44.5	0.30	
TP7006TW	3/8	9.5	16.8	2250	155	9000	621	50.8	0.36	
TP7008TW	1/2	12.7	21.1	2000	138	8000	552	76.2	0.50	
TP7012TW	3/4	19.1	27.2	1250	86	5000	345	127	0.66	

Constructions

Inner Tube: Nylon Type Z
Reinforcement: High tensile synthetic fiber braid.
Cover: Black urethane. Suitable for general hydraulic applications.

Temperature Range

-54°C to +93°C (-65°F to +200°F) continuous service.

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



TP70TWNC (TWIN THERMOPLASTIC)

SAE100R7 (NON-CONDUCTIVE)

Non-conductive thermoplastic hose. Design and built for petroleum, hydraulic application. Exceeds SAE100R7 specification.



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	
TP7004TWNC	1/4	6.4	13.5	2750	190	11000	759	31.8	0.26	
TP7005TWNC	5/16	7.9	15.0	2500	172	10000	690	44.5	0.30	
TP7006TWNC	3/8	9.5	16.8	2250	155	9000	621	50.8	0.36	
TP7008TWNC	1/2	12.7	21.1	2000	138	8000	552	76.2	0.50	
TP7012TWNC	3/4	19.1	27.2	1250	86	5000	345	127	0.66	

Constructions

Inner Tube: Nylon Type Z

Reinforcement: High tensile synthetic fiber braid.

Cover: Orange urethane. Suitable for electrical non-conductivity application. Meets SAE100R7 Electrical Conductivity test.

Temperature Range

-54°C to +93°C (-65°F to +200°F) continuous service.

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

TP80 (THERMOPLASTIC)

SAE100R8

Thermoplastic hose. Design and built for petroleum, hydraulic application. Exceeds SAE100R8 specification.



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	
TP8003	3/16	4.8	10.2	5000	345	20000	1379	38.1	0.08	
TP8004	1/4	6.4	13.0	5000	345	20000	1379	50.8	0.12	
TP8006	3/8	9.5	16.8	4000	276	16000	1103	63.5	0.18	
TP8008	1/2	12.7	20.6	3500	241	14000	966	101.6	0.24	
TP8012	3/4	19.1	27.4	2250	155	9000	621	203.2	0.34	
TP8016	1	25.4	33.5	2000	138	8000	552	254.0	0.40	

Constructions

Inner Tube: Nylon Type Z
Reinforcement: High tensile synthetic fiber braid.
Cover: Black urethane. Suitable for general hydraulic applications.

Temperature Range

-54°C to +93°C (-65°F to +200°F) continuous service.

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



TP80NC (THERMOPLASTIC)

SAE100R8 (NON-CONDUCTIVE)

Non-conductive thermoplastic hose. Design and built for petroleum, hydraulic application. Exceeds SAE100R8 specification.



PART B
HYD. HOSE

Part Number	Hose ID		Hose OD mm	Working Pressure		Min Burst Pressure		Min Bend Radius mm	Weight Kg/m	Fitting
	Inch	mm		psi	Bar	psi	Bar			
TP8003NC	3/16	4.8	10.2	5000	345	20000	1379	38.1	0.08	
TP8004NC	1/4	6.4	13.0	5000	345	20000	1379	50.8	0.12	
TP8006NC	3/8	9.5	16.8	4000	276	16000	1103	63.5	0.18	
TP8008NC	1/2	12.7	20.6	3500	241	14000	966	101.6	0.24	
TP8012NC	3/4	19.1	27.4	2250	155	9000	621	203.2	0.34	
TP8016NC	1	25.4	33.5	2000	138	8000	552	254.0	0.40	

Constructions

Inner Tube: Nylon Type Z

Reinforcement: High tensile synthetic fiber braid.

Cover: Orange urethane. Suitable for electrical non-conductivity application. Meets SAE100R7 Electrical Conductivity test.

Temperature Range

-54°C to +93°C (-65°F to +200°F) continuous service.

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

WH30 SERIES

WASHER HOSE 3000PSI

High pressure water washer hose, design and built for industrial surface, water pressure to 3000PSI.

Optional : Abrasion Resistant Cover.



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	
WH3004	1/4	6.4	13.1	3050	210	12200	840	50	0.22	G54
WH3005	5/16	7.9	15.1	3050	210	12200	840	55	0.26	G54
WH3006	3/8	9.5	17.0	3050	210	12200	840	65	0.34	G54
WH3008	1/2	12.7	21.1	3050	210	12200	840	90	0.42	G54
WH3010	5/8	15.9	25.5	3050	210	12200	840	100	0.51	G54
WH3012	3/4	19.1	29.4	3050	210	12200	840	120	0.96	G54

Constructions

Inner Tube: EPDM

Reinforcement: One (1) or Two (2) high tensile braided wire.

Cover: Standard Synthetic Rubber, Optional TC Abrasion Resistant Cover with 30X resistant .

Temperature Range

-40°C to +100°C (-40°F to +212°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, (e.g., WH3008-TC).

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



WH40 SERIES

WASHER HOSE 4000PSI

High pressure water washer hose, design and built for industrial surface, water pressure to 4000PSI

Optional : Abrasion Resistant Cover.



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	
WH4004	1/4	6.4	13.0	4000	275	16000	1100	50	0.42	G54
WH4005	5/16	7.9	15.2	4000	275	16000	1100	55	0.47	G54
WH4006	3/8	9.5	17.1	4000	275	16000	1100	65	0.60	G54
WH4008	1/2	12.7	20.1	4000	275	16000	1100	90	0.73	G54

Constructions

Inner Tube: Synthetic rubber

Reinforcement: Two (2) high tensile braided wire.

Cover: Standard Synthetic Rubber, Optional TC Abrasion Resistant Cover with 30X resistant .

Temperature Range

-40°C to +100°C (-40°F to +212°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, (e.g., WH4008-TC).

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

WB1X
WATER BLASTING HOSE

Extreme High pressure water blasting application, design and built for industrial surface, water pressure to 4000PSI

Optional : Abrasion Resistant Cover.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm		psi	Bar	psi	Bar			
WB1X06	3/8	9.5	23.0	10880	750	27000	1860	190	0.79	
WB1X06	3/8	9.5	25.0	18000	1240	44950	3100	238	0.86	
WB1X08	1/2	12.7	27.0	10880	750	27000	1860	228	0.96	
WB1X08	1/2	12.7	28.0	15950	1100	39900	2750	245	1.24	
WB1X12	3/4	15.9	35.6	14000	960	34800	2400	270	1.85	
WB1X16	1	25.4	40.2	10400	720	26100	1800	280	2.16	

Constructions

- Inner Tube: Synthetic rubber
- Reinforcement: Multiple layers of tensile spiral wire.
- Cover: Standard Synthetic Rubber, Optional TC Abrasion Resistant Cover with 30X resistant .

Temperature Range

-10°C to +70°C (15°F to +158°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, (e.g., WB1108-TC).

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



RFS

FIRE SUPPRESSANT HOSE

Medium pressure compact available in sizes ranging from 1/4 inch to 1 inches. Meets Flame Resistance Acceptance Designation “MSHA 2G”.



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	
RFS04	1/4	6.4	13.1	3000	207	12000	828	100	0.22	G54
RFS06	3/8	9.5	17.0	2300	159	9200	634	130	0.34	G54
RFS08	1/2	12.7	21.1	2000	138	8000	552	180	0.42	G54
RFS12	3/4	19.1	28.1	1250	86	5000	345	240	0.66	G54
RFS16	1	25.4	36.1	1000	69	4000	276	300	0.96	G54

Constructions

Inner Tube: Synthetic rubber
Reinforcement: One (1) or Two (2) high tensile braided wire.
Cover: Synthetic Rubber. MSHA Compliance.

Temperature Range

-40°C to +100°C (-40°F to +212°F)

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



GG1K
GREASING HOSE

High pressure greasing application for air-operated and manual grease gun or central greasing/lubrication systems.



Part Num-ber	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm		psi	Bar	psi	Bar		Kg/m	
GG1K-4A	5/32	4.0	9.7	5800	400	14500	1000	35	0.068	
GG1K-4B	5/32	4.0	8.3	5800	400	14500	1000	25	0.052	

Constructions

Inner Tube: Thermoplastic Polymer
Reinforcement: One braid high tensile fiber
Cover: Thermoplastic polymer.

Temperature Range

-40°C to +60°C (-40°F to +140°F)

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

