



Hose

HOSE MEDIUM PRESSURE



Compact **TWIN TOUGH**
Super Tough Cover

601 Hydraulic SAE 100R3



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
601-4	1/4	6,3	0.56	14	1250	8,6	3	75	0.13	0,19	•
601-6	3/8	10	0.75	19	1125	7,8	4	100	0.22	0,33	•
601-8	1/2	12,5	0.92	23	1000	6,9	5	125	0.28	0,42	•
601-12	3/4	19	1.24	32	750	5,2	6	150	0.43	0,64	•
601-16	1	25	1.50	38	565	3,9	8	200	0.61	0,91	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two fiber braids.

Cover: Synthetic rubber, MSHA accepted.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Fittings: 43 Series - pg. B-27.

422 Hydraulic Worldwide ISO 1436-1 TYPE 1SN/SAE 100R1 TYPE AT / EN 853 TYPE 1SN



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series	Field Attachable 42 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m		
422-4	1/4	6,3	0.53	13	3250	22,5	4	100	0.16	0,24	•	•
422-5	5/16	8	0.59	15	3125	21,5	4-1/2	115	0.18	0,27	•	•
422-6	3/8	10	0.68	17	2600	18,0	5	130	0.23	0,34	•	•
422-8	1/2	12,5	0.81	21	2325	16,0	7	180	0.29	0,43	•	•
422-10	5/8	16	0.94	24	1875	13,0	8	200	0.33	0,49	•	•
422-12	3/4	19	1.09	28	1525	10,5	9-1/2	240	0.42	0,63	•	•
422-16	1	25	1.41	36	1275	8,8	12	300	0.63	0,94	•	•
422-20	1-1/4	31,5	1.79	45	900	6,3	16-1/2	420	0.8	1,19	•	•
422-24	1-1/2	38	2	51	725	5,0	20	500	1	1,49	•	•
422-32	2	51	2.54	64	575	4,0	25	630	1.5	2,24	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Nitrile.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Fittings: 43 Series - pg. B-27.
42 Series - pg. B-159.

424 Hydraulic – Phosphate Ester Base Fluids



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	
424-16	1	25	1.40	36	1000	6,9	12	300	0.63	0,94	20	68	•
424-20	1-1/4	31,5	1.73	44	625	4,3	16-1/2	420	0.80	1,19	20	68	•
424-24	1-1/2	38	2.00	51	500	3,5	20	500	1.00	1,49	15	51	•
424-32	2	51	2.50	64	375	2,6	25	630	1.50	2,23	11	37	•

Application: Phosphate ester base hydraulic fluids.

Inner Tube: EPDM rubber.

Reinforcement: One braid steel wire.

Cover: EPDM rubber, green.

Temperature Range: -40°F to +176°F (-40°C to +80°C).

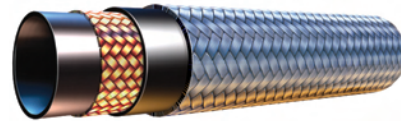
Fittings: 43 Series - pg. B-27.

- Field Attachable Assembly Instructions are in Section B with each Fitting Series.
- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

421WC

Hydraulic

SAE 100R1 TYPE AT – NO-SKIVE PROTECTIVE WIRE COVER



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
421WC-4	1/4	6,3	0.55	14	2750	19	4	100	0.26	0,39	•
421WC-6	3/8	10	0.71	18	2250	15,5	5	130	0.36	0,54	•
421WC-8	1/2	12,5	0.84	21	2000	13,8	7	180	0.45	0,67	•
421WC-12	3/4	19	1.12	28	1250	8,6	9-1/2	240	0.64	0,95	•
421WC-16	1	25	1.43	36	1000	6,9	12	300	0.88	1,31	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber w/ galvanized steel wire over braid.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Fittings: 43 Series - pg. B-27.

426

Hydraulic – High Temperature

SAE 100R1 TYPE AT



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
426-4	1/4	6,3	0.53	13	2750	19,2	4	100	0.16	0,24	•
426-6	3/8	10	0.68	17	2250	15,7	5	125	0.23	0,34	•
426-8	1/2	12,5	0.81	21	2000	14,0	7	180	0.29	0,43	•
426-10	5/8	16	0.94	24	1500	10,5	8	200	0.33	0,49	•
426-12	3/4	19	1.09	28	1250	8,7	9-1/2	240	0.44	0,65	•
426-16	1	25	1.40	36	1000	7,0	12	300	0.66	0,98	•
426-20	1-1/4	31,5	1.79	45	625	4,3	16-1/2	420	0.94	1,40	•
426-24	1-1/2	38	2.00	51	500	3,5	20	500	0.98	1,46	•
426-32	2	51	2.54	64	375	2,6	25	630	1.46	2,18	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: PKR®.

Reinforcement: One braid steel wire.

Cover: PKR® rubber, blue, MSHA accepted

Temperature Range: -50°F to +302°F (-46°C to +150°C).

Fittings: 43 Series - pg. B-27.

AX

Hydraulic



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp HY Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
AX04	1/4	6,3	0.50	13	3000	21	2	50	0.15	0,22	•
AX06	3/8	10	0.62	16	3000	21	2-1/2	65	0.19	0,28	•
AX08	1/2	12,5	0.75	19	2500	17,5	3-1/2	90	0.24	0,36	•
AX10	5/8	16	0.88	22	1500	10,5	4	100	0.29	0,43	•
AX12	3/4	19	1.01	26	1250	8,7	4-3/4	120	0.34	0,51	•
AX16	1	25	1.29	33	1000	7	6	150	0.48	0,72	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic Rubber.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber, MSHA accepted.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Fittings: HY Series - pg. B-112.

- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

811

Suction and Return Line

1/2 SAE Minimum Bend Radius

SAE 100R4



# Part Number	Hose I.D.		Hose O.D.		Working Pressure				Minimum Bend Radius		Weight		Vacuum Rating		Parkrimp	Field Attachable
	inch	mm	inch	mm	81/88DB		88HC		inch	mm	lbs/ft	kg/m	inches of Hg	kPa	81 Series	88 Series w/HC or DB
811-12	3/4	19,0	1.18	30,0	300	2,1	100	0,7	2-1/2	64	0.42	0,63	25	84	•	•
811-16	1	25,4	1.50	38,0	250	1,7	70	0,5	3	76	0.65	0,96	25	84	•	•
811-20	1-1/4	31,8	1.77	45,0	200	1,4	50	0,3	4	102	0.82	1,22	25	84	•	•
811-24	1-1/2	38,1	2.05	52,0	150	1	50	0,3	5	127	1.04	1,55	25	84	•	•
811-32	2	50,8	2.50	63,6	100	0,7	50	0,3	6	152	1.26	1,87	25	84	•	•
811-40	2-1/2	63,5	3.00	76,2	62	0,4	62	0,4	7	178	1.64	2,45	25	84	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Multiple layers of fiber spiral and one helical wire.

Cover: Synthetic rubber.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Fittings: 81 Series - pg. B-183.
88 Series - pg. B-183.

811HT

Suction and Return Line – High Temperature

1/2 SAE Minimum Bend Radius

SAE 100R4



# Part Number	Hose I.D.		Hose O.D.		Working Pressure				Minimum Bend Radius		Weight		Vacuum Rating		Parkrimp	Field Attachable
	inch	mm	inch	mm	81/88DB		88HC		inch	mm	lbs/ft	kg/m	inches of Hg	kPa	81 Series	88 Series w/HC or DB
811HT-12	3/4	19,0	1.18	30,0	300	2,1	100	0,7	2-1/2	64	0.42	0,63	28	95	•	•
811HT-16	1	25,4	1.50	38,0	250	1,7	70	0,5	3	76	0.65	0,96	28	95	•	•
811HT-20	1-1/4	31,8	1.77	45,0	200	1,4	50	0,3	4	102	0.82	1,22	28	95	•	•
811HT-24	1-1/2	38,1	2.05	52,0	150	1	50	0,3	5	127	1.04	1,55	28	95	•	•
811HT-32	2	50,8	2.50	63,6	100	0,7	50	0,3	6	152	1.26	1,87	28	95	•	•
811HT-40	2-1/2	63,5	3,00	76,2	62	0,4	62	0,4	7	178	1.82	2,71	28	95	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Multiple layers of fiber spiral and one helical wire.

Cover: Synthetic rubber, MSHA accepted.

Temperature Range: -50°F to +257°F (-46°C to +125°C).

Fittings: 81 Series - pg. B-183.
88 Series - pg. B-183.

- See Section B for Field Attachable Assembly Instructions.
- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.