

6300 SERIES

SAE 100R3

Medium pressure hydraulic hose, anti-freeze and water. Exceeds SAE 100R3 specifications.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight
	Inch	mm		psi	Bar	psi	Bar		
6304	1/4	6.4	14.1	1260	87	5040	349	75	0.16
6305	5/16	7.9	17.0	1260	87	5040	349	100	0.21
6306	3/8	9.5	19.1	1200	83	4800	331	100	0.26
6308	1/2	12.7	23.1	1100	76	440	303	125	0.38
6310	5/8	15.9	27.0	900	62	3600	248	140	0.42
6312	3/4	19.1	31.9	750	52	3000	207	150	0.58
6316	1	25.4	37.9	600	41	2400	166	205	0.74
6320	1.1/4	31.8	44.5	400	28	1600	110	250	0.77
6324	1.1/2	38.1	51.0	350	24	1400	97	300	0.92

Constructions

Inner Tube: Synthetic rubber
Reinforcement: Two (2) high tensile fiber braid.
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.



6300HT (HI-TEMP)

SAE100R3 (HIGH TEMPERATURE)

Medium pressure hydraulic hose, anti-freeze and water. High Operating Temperature. Exceeds SAE 100R3 specifications.



PART B
HYD. HOSE



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m
6304HT	1/4	6.4	14.1	1260	87	5040	349	75	0.16
6305HT	5/16	7.9	17.0	1260	87	5040	349	100	0.21
6306HT	3/8	9.5	19.1	1200	83	4800	331	100	0.26
6308HT	1/2	12.7	23.1	1100	76	440	303	125	0.38
6310HT	5/8	15.9	27.0	900	62	3600	248	140	0.42
6312HT	3/4	19.1	31.9	750	52	3000	207	150	0.58
6316HT	1	25.4	37.9	600	41	2400	166	205	0.74
6320HT	1.1/4	31.8	44.5	400	28	1600	110	250	0.77
6324HT	1.1/2	38.1	51.0	350	24	1400	97	300	0.92

Constructions

Inner Tube: Synthetic rubber

Reinforcement: Two (2) high tensile fiber braided.

Cover: Synthetic Rubber. MHSA Compliance.

Temperature Range

-40°C to +135°C (-40°F to +275°F)

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

6600 SERIES

SAE 100R6

Low pressure hydraulic hose, anti-freeze and water.
Exceeds SAE 100R6 specifications.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m
6604	1/4	6.4	12.8	400	28	1600	110	65	0.13
6605	5/16	7.9	14.5	400	28	1600	110	75	0.16
6606	3/8	9.5	16.0	400	28	1600	110	75	0.18
6608	1/2	12.7	20.0	400	28	1600	110	100	0.25
6610	5/8	15.9	23.2	350	24	1400	97	125	0.29
6612	3/4	19.1	26.2	300	21	1200	83	150	0.48
6616	1	25.4	34.0	250	17	1000	69	200	0.72

Constructions

Inner Tube: Synthetic rubber
Reinforcement: One (1) high tensile fiber braid.
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.



6600HT (HI-TEMP)

SAE100R6 (HIGH TEMPERATURE)

Medium pressure hydraulic hose, anti-freeze and water. High Operating Temperature. Exceeds SAE 100R6 specifications.



PART B
HYD. HOSE



Part Number	Hose ID		Hose OD mm	Working Pressure		Min Burst Pressure		Min Bend Radius mm	Weight Kg/m
	Inch	mm		psi	Bar	psi	Bar		
6604HT	1/4	6.4	12.8	400	28	1600	110	65	0.13
6605HT	5/16	7.9	14.5	400	28	1600	110	75	0.16
6606HT	3/8	9.5	16.0	400	28	1600	110	75	0.18
6608HT	1/2	12.7	20.0	400	28	1600	110	100	0.25
6610HT	5/8	15.9	23.2	350	24	1400	97	125	0.29
6612HT	3/4	19.1	26.2	300	21	1200	83	150	0.48
6616HT	1	25.4	34.0	250	17	1000	69	200	0.72

Constructions

Inner Tube: Synthetic rubber

Reinforcement: One (1) high tensile fiber braid.

Cover: Synthetic Rubber, MSHA compliance.

Temperature Range

-40°C to +135°C (-40°F to +275°F)

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

6400 SERIES

SAE 100R4

Low pressure hydraulic hose, anti-freeze and water. Exceeds SAE 100R4 specifications.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight
	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m
6412	3/4	19.1	30.0	300	21	1200	83	80	0.68
6416	1	25.4	38.0	300	21	1200	83	100	0.84
6420	1.1/4	31.8	45.0	250	17	1000	69	130	1.13
6424	1.1/2	38.1	52.0	160	11	640	44	170	1.2
6432	2	50.8	63.7	120	8	480	33	200	1.85
6440	2.1/2	63.5	76.4	75	5	300	21	235	2.28
6448	3	76.2	90.0	60	4	240	17	300	2.64

Constructions

Inner Tube: Synthetic rubber
Reinforcement: Multiplier layers of high tensile fiber braid, and single helical wire to prevent hose collapse.
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.



6400HT (HI-TEMP)

SAE100R4 (HIGH TEMPERATURE)

Medium pressure hydraulic hose, anti-freeze and water. High Operating Temperature. Exceeds SAE 100R4 specifications.

Features:

- Extreme flexible, tight bend radius.
- Abrasion resistant cover (optional) with 30 times or 300 times.



Part Number	Hose ID		Hose OD mm	Working Pressure		Min Burst Pressure		Min Bend Radius mm	Weight Kg/m
	Inch	mm		psi	Bar	psi	Bar		
6412HT	3/4	19.1	30.0	300	21	1200	83	64	0.68
6416HT	1	25.4	38.0	300	21	1200	83	76	0.84
6420HT	1.1/4	31.8	45.0	250	17	1000	69	102	1.13
6424HT	1.1/2	38.1	52.0	160	11	640	44	127	1.2
6432HT	2	50.8	63.7	120	8	480	33	152	1.85
6440HT	2.1/2	63.5	76.4	75	5	300	21	178	2.28
6448HT	3	76.2	90.0	60	4	240	17	229	2.64

Constructions

Inner Tube: Synthetic rubber

Reinforcement: Multiplier layers of high tensile fiber braid, and single helical wire to prevent hose collapse.

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 +135°C (-40°F to +275°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., 6406-TC, 6424-32-ETC).

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

6700 SERIES

PUSH LOCK HOSE

Low pressure hydraulic return-line, lubricant, water.



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			
6704	1/4	6.4	11.9	300	21	1200	83	75	0.13	Pg D78-79
6705	5/16	7.9	14.0	300	21	1200	83	75	0.16	Pg D78-79
6706	3/8	9.5	16.0	300	28	1200	83	75	0.18	Pg D78-79
6708	1/2	12.7	19.6	300	28	1200	83	127	0.25	Pg D78-79
6710	5/8	15.9	23.9	300	24	1200	83	152	0.29	Pg D78-79
6712	3/4	19.1	26.9	300	21	1200	83	178	0.48	Pg D78-79

Constructions

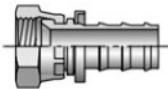
Inner Tube: Synthetic rubber
Reinforcement: One high tensile fiber braid, and single heli
Cover: Synthetic Rubber.

Temperature Range

-40°C to +100°C (-40°F to +212°F)

Fittings

Refer Grenbert Lok-On Fittings



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



6700HT (HI-TEMP)

PUSH LOCK HOSE (HIGH TEMPERA-

Low pressure hydraulic return-line, lubricant, water.



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	
6704HT	1/4	6.4	11.9	300	21	1200	83	75	0.13	Pg D78-79
6705HT	5/16	7.9	14.0	300	21	1200	83	75	0.16	Pg D78-79
6706HT	3/8	9.5	16.0	300	28	1200	83	75	0.18	Pg D78-79
6708HT	1/2	12.7	19.6	300	28	1200	83	127	0.25	Pg D78-79
6710HT	5/8	15.9	23.9	300	24	1200	83	152	0.29	Pg D78-79
6712HT	3/4	19.1	26.9	300	21	1200	83	178	0.48	Pg D78-79

Constructions

Inner Tube: Synthetic rubber

Reinforcement: One high tensile fiber braid, and single heli

Cover: Synthetic Rubber.

Temperature Range

-40°C to +135°C (-40°F to +275°F)

Fittings

Refer Grenbert Lok-On Fittings



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

5500 SERIES

SAE J517 100R5

Medium pressure hydraulic oil, lubricant, air and water application. Exceeds SAE 100R5 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	
5504	3/16	5	13.1	3000	207	12000	828	75	0.23	
5505	1/4	6.3	14.9	3000	207	12000	828	85	0.27	
5506	5/16	8	17.2	2250	155	9000	621	100	0.35	
5508	13/32	10	19.8	2000	138	8000	552	115	0.45	
5510	1/2	12.5	23.2	1750	121	7000	480	140	0.56	
5512	5/8	16	27.2	1500	103	6000	414	165	0.67	
5516	7/8	22	31.2	800	55	3200	221	185	0.69	
5520	1.1/8	29	38.1	625	43	2500	172	230	0.85	
5524	1.3/8	35	44.2	500	34	2000	138	265	1.06	
5532	1.13/16	46	56.2	350	24	1400	97	335	1.35	
5540	2.3/8	60	73.0	350	24	1400	97	61	2.96	

Constructions

Inner Tube: Synthetic rubber
Reinforcement: One high tensile braided wire over one polyester braid
Cover: Polyester braid impregnated with synthetic rubber.

Temperature Range

Hydraulic Oil -40°C to +100°C (-40°F to +212°F)
Air application -40°C to +71°C (-40°F to +160°F)

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



5500HT SERIES (HI-TEMPERATURE)

SAE J517 100R5

Medium pressure hydraulic oil, lubricant, air and water application. Exceeds SAE 100R5 Specification.



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			
5504HT	3/16	5	13.1	3000	207	12000	828	75	0.23	
5505HT	1/4	6.3	14.9	3000	207	12000	828	85	0.27	
5506HT	5/16	8	17.2	2250	155	9000	621	100	0.35	
5508HT	13/32	10	19.8	2000	138	8000	552	115	0.45	
5510HT	1/2	12.5	23.2	1750	121	7000	480	140	0.56	
5512HT	5/8	16	27.2	1500	103	6000	414	165	0.67	
5516HT	7/8	22	31.2	800	55	3200	221	185	0.69	
5520HT	1.1/8	29	38.1	625	43	2500	172	230	0.85	
5524HT	1.3/8	35	44.2	500	34	2000	138	265	1.06	
5532HT	1.13/16	46	56.2	350	24	1400	97	335	1.35	
5540HT	2.3/8	60	73.0	350	24	1400	97	61	2.96	

Constructions

Inner Tube: Synthetic rubber

Reinforcement: One high tensile braided wire over one polyester braid

Cover: Polyester braid impregnated with synthetic rubber.

Temperature Range

Hydraulic Oil -40°C to +150°C (-40°F to +302°F)

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