

5400 SERIES

EN853 TYPE 2SN / SAE J517 100R2AT

Medium pressure available in sizes ranging from 1/4 inch to 2 inches. Exceeds EN853 TYPE 2SN and SAE 100R2AT 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	
5404	1/4	6.4	15.0	6,000	414	24000	1655	100	0.42	G54
5405	5/16	7.9	16.6	5,400	372	21600	1490	115	0.47	G54
5406	3/8	9.5	19.0	4800	331	19200	1324	130	0.6	G54
5408	1/2	12.7	22.3	4000	276	16000	1103	180	0.73	G54
5410	5/8	15.9	25.5	3625	250	14500	1000	200	0.85	G54
5412	3/4	19.1	29.4	3100	214	12400	855	240	1.03	G54
5416	1	25.4	38.1	2400	166	9600	662	300	1.44	G54
5420	1.1/4	31.8	47.1	1825	126	7300	503	420	2.14	G54
5424	1.1/2	38.1	54.5	1300	90	5200	359	500	2.5	G54
5432	2	50.8	67.2	1175	81	4700	324	630	3.07	G54

Constructions

Inner Tube: Synthetic rubber

Reinforcement: Two (2) high tensile braided wire.

Cover: Synthetic Rubber. MHSA 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.

5400C SERIES

EN857 TYPE 2SC / SAE J1942

Medium pressure compact available in sizes ranging from 1/4 inch to 1 inches. Exceeds EN857 TYPE 2SC specifications.

Features:

- Extreme flexible, tight bend radius.
- 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			
5404C	1/4	6.4	13.0	6,000	414	24000	1655	75	0.28	G54
5405C	5/16	7.9	15.2	5,400	372	21600	1490	85	0.32	G54
5406C	3/8	9.5	17.1	4800	331	19200	1324	90	0.43	G54
5408C	1/2	12.7	20.1	4000	276	16000	1103	130	0..52	G54
5410C	5/8	15.9	23.9	3625	250	14500	1000	170	0.6	G54
5412C	3/4	19.1	28	3100	214	12400	855	200	0.83	G54
5416C	1	25.4	35.1	2400	166	9600	662	250	1.07	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 or Extreme Tough Cover with 300X resistant. MHSA Compliance.

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, or ‘-ETC’ for Extreme Tough Cover. (e.g., 5410C-TC, 5406C-ETC).

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

5400HT SERIES (HIGH-TEMP)

EN853 TYPE 2SN / SAE J517 100R2AT

Medium pressure High-Temperature application available in sizes ranging from 1/4 inch to 2 inches. Exceeds EN853 TYPE 2SN and SAE 100R2AT specifications.

Features:

- High operating temperature



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	
5404HT	1/4	6.4	15.0	6,000	414	24000	1655	100	0.42	G54
5405HT	5/16	7.9	16.6	5,400	372	21600	1490	115	0.47	G54
5406HT	3/8	9.5	19.0	4800	331	19200	1324	130	0.6	G54
5408HT	1/2	12.7	22.3	4000	276	16000	1103	180	0.73	G54
5410HT	5/8	15.9	25.5	3625	250	14500	1000	200	0.85	G54
5412HT	3/4	19.1	29.4	3100	214	12400	855	240	1.03	G54
5416HT	1	25.4	38.1	2400	166	9600	662	300	1.44	G54
5420HT	1.1/4	31.8	47.1	1825	126	7300	503	420	2.14	G54
5424HT	1.1/2	38.1	54.5	1300	90	5200	359	500	2.5	G54
5432HT	2	50.8	67.2	1175	81	4700	324	630	3.07	G54

Constructions

Inner Tube: Synthetic rubber

Reinforcement: Two (2) high tensile braided wire.

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.

5300 SERIES

EN853 TYPE 1SN / SAE J517 100R1T

Medium pressure available in sizes ranging from 1/4 inch to 2 inches. Exceeds EN853 TYPE 1SN and SAE 100R1AT specifications.



Part Number	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	Inch	mm		psi	Bar	psi	Bar			
5304	1/4	6.4	13.1	3280	226	13120	905	100	0.22	G54
5305	5/16	7.9	15.1	3125	216	12500	862	110	0.27	G54
5306	3/8	9.5	17.0	2610	180	10440	720	130	0.34	G54
5308	1/2	12.7	21.1	2325	160	9300	641	180	0.42	G54
5310	5/8	15.9	24.0	1900	131	7600	524	200	0.51	G54
5312	3/4	19.1	28.1	1525	105	6100	421	240	0.66	G54
5316	1	25.4	36.1	1300	90	5200	359	300	0.96	G54
5320	1.1/4	31.8	45.1	925	64	3700	255	420	1.17	G54
5324	1.1/2	38.1	51.0	725	50	2900	200	500	1.5	G54
5332	2	50.8	63.9	600	41	2400	166	630	1.96	G54

Constructions

Inner Tube: Synthetic rubber
Reinforcement: One (1) high tensile braided wire.
Cover: Synthetic Rubber. MHSA 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.



5300C SERIES

EN857 TYPE 1SC / SAE J1942

Medium pressure compact available in sizes ranging from 1/4 inch to 2 inches. Exceeds EN857 TYPE 1SC specifications.

Features:

- Extreme flexible, tight bend radius.
- 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	
5304C	1/4	6.4	12.7	3280	226	13120	905	75	0.14	G54
5305C	5/16	7.9	13.8	3125	216	12500	862	85	0.2	G54
5306C	3/8	9.5	16.0	2610	180	10440	720	90	0.22	G54
5308C	1/2	12.7	19.7	2325	160	9300	641	130	0.29	G54
5310C	5/8	15.9	21.5	1900	131	7600	524	150	0.32	G54
5312C	3/4	19.1	26.2	1525	105	6100	421	180	0.37	G54
5316C	1	25.4	34.1	1300	90	5200	359	230	0.54	G54
5320C	1.1/4	31.8	41.5	925	64	3700	255	210	0.68	G54
5324C	1.1/2	38.1	47.9	725	50	2900	200	250	0.8	G54
5332C	2	50.8	64.0	600	41	2400	166	315	1.3	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 or Extreme Tough Cover with 300X resistant. MHSA Compliance.

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, or '-ETC' for Extreme Tough Cover. (e.g., 5310C-TC, 5306C-ETC).

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

5300HT SERIES (HIGH-TEMP)

EN853 TYPE 1SN / SAE J517 100R1T

Medium pressure High-Temperature application available in sizes ranging from 1/4 inch to 2 inches. Exceeds EN853 TYPE 1SN and SAE 100R1T specifications.

Features:

High operating temperature



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	
5304HT	1/4	6.4	13.1	3280	226	13120	905	100	0.22	G54
5305HT	5/16	7.9	15.1	3125	216	12500	862	110	0.27	G54
5306HT	3/8	9.5	17.0	2610	180	10440	720	130	0.34	G54
5308HT	1/2	12.7	21.1	2325	160	9300	641	180	0.42	G54
5310HT	5/8	15.9	24.1	1900	131	7600	524	200	0.51	G54
5312HT	3/4	19.1	28.1	1525	105	6100	421	240	0.66	G54
5316HT	1	25.4	36.1	1300	90	5200	359	300	0.96	G54
5320HT	1.1/4	31.8	45.1	925	64	3700	255	420	1.17	G54
5324HT	1.1/2	38.1	51.0	725	50	2900	200	500	1.5	G54
5332HT	2	50.8	63.9	600	41	2400	166	630	1.96	G54

Constructions

Inner Tube: Synthetic rubber

Reinforcement: One (1) high tensile braided wire.

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.



5600 SERIES

SAE J517 100R16

Medium pressure compact available in sizes ranging from 1/4 inch to 2 inches. Exceeds SAE J517 100R16 specifications.

Features:

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



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			
5604	1/4	6.4	13.4	6000	414	24000	1655	50	0.19	G54
5605	5/16	7.9	15.0	5400	372	21600	1490	55	0.22	G54
5606	3/8	9.5	17.1	5000	345	20000	1379	65	0.28	G54
5608	1/2	12.7	20.1	4300	297	17200	1186	90	0.38	G54
5610	5/8	15.9	23.9	4300	297	17200	1186	100	0.68	G54
5612	3/4	19.1	27.9	3500	241	14000	966	120	0.8	G54
5616	1	25.4	35.9	2500	172	10000	690	150	1.29	G54
5620	1.1/4	31.8	44.0	2,300	159	9,200	634	210	1.49	G54
5624	1.1/2	38.1	54.6	2,000	138	8,000	552	255	2.06	G54
5632	2	50.8	67.8	1,500	103	6,000	414	317	2.8	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 or Extreme Tough

Cover with 300X resistant. MHSA Compliance.

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, or '-ETC' for Extreme Tough Cover. (e.g., 5604-TC, 5612-ETC).

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

5700 SERIES

SAE J517 100R17

Medium pressure compact, constant pressure at **3040PSI** available in sizes ranging from 1/4 inch to 1 inches. Exceeds SAE J517 100R17 specifications.

Features:

- Extreme flexible, tight bend radius.
- 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			
5704	1/4	6.4	13.4	3040	210	12160	840	50	0.19	G54
5705	5/16	7.9	14.4	3040	210	12160	840	55	0.22	G54
5706	3/8	9.5	17.2	3040	210	12160	840	65	0.28	G54
5708	1/2	12.7	20.4	3040	210	12160	840	90	0.38	G54
5710	5/8	15.9	23.8	3040	210	12160	840	100	0.68	G54
5712	3/4	19.1	27.8	3040	210	12160	840	120	0.8	G54
5716	1	25.4	35.4	3040	210	12160	840	150	1.29	G54

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

- 4 to -8 One (1) high tensile braided wire.
- 12 to -16 Two (2) high tensile braided 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 +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, or ‘-ETC’ for Extreme Tough Cover. (e.g., 5604-TC, 5612-ETC).

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



5JH (HYDRAULIC JACK HOSE)

HYDRAULIC JACK HOSE

Design and built for hydraulic jacking system. Working pressure tested exceeds 10,000PSI with Grenbert fittings.

Features:

- Abrasion resistant cover (optional) with 30 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	
5JH4	1/4	6.4	15.1	10,000	700	24000	1400	100	0.39	G54
5JH6	3/8	9.5	21.9	10,000	700	20000	1400	125	0.56	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 cover. MHSA Compliance.

Temperature Range

-40°C to +49°C (-40°F to +120°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., 5JH06-TC).

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