

CONTENTS / INDEX

Hose Structure	EN Standard	ISO Standard	SAE Standard	Sinopulse	Page
Wire Braided	EN 853 - 1SN	ISO 1436 - 1SN	SAE J517 - 100R1AT	GR1SN	2
	EN 853 - 2SN	ISO 1436 - 2SN	SAE J517 - 100R2AT	GR2SN	2
	EN 857 - 1SC	ISO 11237 - 1SC	---	G1SC	3
	EN 857 - 2SC	ISO 11237 - 2SC	---	G2SC	3
	---	ISO 11237 - R16	SAE J517 - 100R16	GR16	3
	---	ISO 11237 - R17	SAE J517 - 100R17	GR17	4
	---	---	SAE J517 - 100R5	GR5	4
Wire spiralled	EN 856 - 4SP	ISO 3862 - 4SP	---	G4SP	5
	EN 856 - 4SH	ISO 3862 - 4SH	---	G4SH	5
	EN 856 - R12	ISO 3862 - R12	SAE J517 - 100R12	GR12	6
	EN 856 - R13	ISO 3862 - R13	SAE J517 - 100R13	GR13	6
	---	ISO 3862 - R15	SAE J517 - 100R15	GR15	7
PTFE	---	---	SAE J517 -100R14	GR14	7
Thermoplastic	EN 855 - R7	ISO 3949 - R7	SAE J517 - 100R7	GR7	8
	EN 855 - R8	ISO 3949 - R8	SAE J517 - 100R8	GR8	8
Textile braided	EN 854 - R3	ISO 4079 - R3	SAE J517 - 100R3	GR3	9
	EN 854 - R6	ISO 4079 - R6	SAE J517 - 100R6	GR6	9
	EN 854 - 1TE	ISO 4079 - 1TE	---	G1TE	9
	EN 854 - 2TE	ISO 4079 - 2TE	---	G2TE	10
	EN 854 - 3TE	ISO 4079 - 3TE	---	G3TE	10
Fabric	---	---	SAE J517 -100R4	GR4	11
Wire Braided	Jet Wash Hose			W1SN/ 2SN	11

1.1 Hydraulic Hose

GR1SN One Wire Braided Hose

Applicable Specs.: EN 853 1SN, SAE 100 R1AT/R1S, ISO 1436-1 1SN

Main Applications: Low-medium pressure lines, return lines

Tube: Oil resistant synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)



Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm			mm	mm	mpa	psi			mpa	psi
GR1SN-03	-03	3/16"	4.8	9.5	11.8	25.0	3620	100	14500	90	190	00110-03A	xxxx1-xx-03
GR1SN-04	-04	1/4"	6.4	10.8	12.8	22.5	3260	90	13050	100	221	00110-04A	xxxx1-xx-04
GR1SN-05	-05	5/16"	7.9	12.5	14.5	21.5	3110	85	12320	115	275	00110-05A	xxxx1-xx-05
GR1SN-06	-06	3/8"	9.5	14.6	16.8	18.0	2610	72	10440	130	342	00110-06A	xxxx1-xx-06
GR1SN-08	-08	1/2"	12.7	17.6	19.8	16.0	2320	64	9280	180	418	00110-08A	xxxx1-xx-08
GR1SN-10	-10	5/8"	15.9	21.1	23.1	13.0	1880	52	7540	200	495	00110-10A	xxxx1-xx-10
GR1SN-12	-12	3/4"	19.0	24.7	27.0	10.5	1520	42	6090	240	647	00110-12A	xxxx1-xx-12
GR1SN-16	-16	1"	25.4	32.5	35.0	8.8	1270	35	5070	300	957	00110-16A	xxxx1-xx-16
GR1SN-20	-20	1.1/4"	31.8	39.5	43.5	6.2	900	25	3620	420	1255	00110-20	xxxx1-xx-20
GR1SN-24	-24	1.1/2"	38.1	45.8	49.8	5.0	720	20	2900	500	1470	00110-24	xxxx1-xx-24
GR1SN-32	-32	2"	50.8	59.0	63.0	4.0	580	16	2320	630	1902	00110-32	xxxx1-xx-32

Continuous Brand Layline Example

SINOPULSE GR1SN-03 SAE 100R1S 3/16" (4.8mm) W.P.25MPA (3620PSI) -XXXXXX-

GR2SN Two Wire Braided Hose

Applicable Specs.: EN 853 2SN, SAE 100 R2AT/R2S, ISO 1436-1 2SN

Main Applications: Medium-high pressure lines

Tube: Oil resistant synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm			mm	mm	mpa	psi			mpa	psi
GR2SN-03	-03	3/16"	4.8	11.1	13.4	41.5	6020	166	24070	90	345	03310-03	xxxx1-xx-03
GR2SN-04	-04	1/4"	6.4	12.6	15.0	40.0	5800	160	23200	100	383	03310-04	xxxx1-xx-04
GR2SN-05	-05	5/16"	7.9	14.3	16.7	35.0	5070	140	20300	115	442	03310-05	xxxx1-xx-05
GR2SN-06	-06	3/8"	9.5	16.4	19.1	33.0	4780	132	19140	130	531	03310-06	xxxx1-xx-06
GR2SN-08	-08	1/2"	12.7	19.4	22.2	27.5	3980	110	15950	180	688	03310-08	xxxx1-xx-08
GR2SN-10	-10	5/8"	15.9	22.9	25.4	25.0	3620	100	14500	200	796	03310-10	xxxx1-xx-10
GR2SN-12	-12	3/4"	19.0	26.5	29.3	21.5	3110	86	12470	240	942	03310-12	xxxx1-xx-12
GR2SN-16	-16	1"	25.4	34.2	38.1	16.5	2390	66	9570	300	1400	03310-16	xxxx1-xx-16
GR2SN-20	-20	1.1/4"	31.8	41.3	48.3	12.5	1820	50	7250	420	1720	00200-20	xxxx1-xx-20
GR2SN-24	-24	1.1/2"	38.1	47.8	54.6	9.0	1310	36	5220	500	1947	00200-24	xxxx1-xx-24
GR2SN-32	-32	2"	50.8	61.0	67.4	8.0	1160	32	4640	630	2602	00200-32	xxxx1-xx-32

Continuous Brand Layline Example

SINOPULSE GR2SN-03 SAE 100R2S 3/16" (4.8mm) W.P.41.5MPA (6020PSI) -XXXXXX-

1.1 Hydraulic Hose

G1SC Compact One Wire Braided Hose

Applicable Specs.: EN 857 1SC, ISO 11237 1SC

Main Applications: Low-medium pressure lines, return lines

Tube: Oil resistant synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)



Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
G1SC-04	-04	1/4"	6.4	10.0	12.0	22.5	3260	105	15220	50	173		xxxx1-xx-04
G1SC-05	-05	5/16"	7.9	11.5	13.6	21.5	3110	100	14500	55	194		xxxx1-xx-05
G1SC-06	-06	3/8"	9.5	13.8	15.8	18.0	2610	85	12320	60	244		xxxx1-xx-06
G1SC-08	-08	1/2"	12.7	17.0	19.0	16.0	2320	66	9570	70	328		xxxx1-xx-08
G1SC-10	-10	5/8"	15.9	20.4	22.5	13.0	1880	62	8990	90	416		xxxx1-xx-10
G1SC-12	-12	3/4"	19.0	24.0	26.1	10.5	1520	48	6960	100	500		xxxx1-xx-12
G1SC-16	-16	1"	25.4	31.3	33.5	8.5	1270	40	5800	160	713		xxxx1-xx-16

Continuous Brand Layline Example

SINOPULSE G1SC-04 EN 857 1SC 1/4" (6.4mm) W.P.22.5MPA (3260PSI) -XXXXXX-

G2SC Compact Two Wire Braided Hose

Applicable Specs.: EN 857 2SC, SAE 100R16S, ISO 11237 2SC

Main Applications: Medium-high pressure lines

Tube: Oil resistant synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
G2SC-04	-04	1/4"	6.4	11.3	13.5	40.0	5800	185	26830	45	296		xxxx1-xx-04
G2SC-05	-05	5/16"	7.9	12.8	15.0	35.0	5020	170	24650	55	327		xxxx1-xx-05
G2SC-06	-06	3/8"	9.5	15.1	17.3	33.0	4780	150	21750	65	398		xxxx1-xx-06
G2SC-08	-08	1/2"	12.7	18.3	20.5	27.5	3980	122	17690	80	500		xxxx1-xx-08
G2SC-10	-10	5/8"	15.9	21.7	23.9	25.0	3620	105	15220	90	632		xxxx1-xx-10
G2SC-12	-12	3/4"	19.0	25.5	27.7	21.5	3110	92	13340	120	738		xxxx1-xx-12
G2SC-16	-16	1"	25.4	32.8	35.4	16.5	2390	72	10440	160	1034		xxxx1-xx-16

Continuous Brand Layline Example

SINOPULSE G2SC-04 EN 857 2SC 1/4" (6.4mm) W.P.40MPA (5800PSI) -XXXXXX-

1.1 Hydraulic Hose

GR17 One or Two Wire Braid Hose

Applicable Specs.: SAE 100 R17, ISO 11237 R17

Main Applications: Medium-high pressure lines

Tube: Oil resistant synthetic rubber

Reinforcement: One or two braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)



Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR17-04	-04	1/4"	6.4	10.2	12.3	21.0	3040	84.0	12180	51	203		xxxx1-xx-04
GR17-05	-05	5/16"	7.9	11.7	13.8	21.0	3040	84.0	12180	60	236		xxxx1-xx-05
GR17-06	-06	3/8"	9.5	14.0	16.1	21.0	3040	84.0	12180	64	297		xxxx1-xx-06
GR17-08	-08	1/2"	12.7	17.2	19.2	21.0	3040	84.0	12180	89	358		xxxx1-xx-08
GR17-10	-10	5/8"	15.9	22.4	24.7	21.0	3040	84.0	12180	102	734		xxxx1-xx-10
GR17-12	-12	3/4"	19.0	26.0	28.4	21.0	3040	84.0	12180	127	915		xxxx1-xx-12

Continuous Brand Layline Example

SINOPULSE GR17-04 SAE 100R17 1/4" (6.4mm) W.P.21MPA (3040PSI) -XXXXXX-

GR5 One Wire Braid -Textile Cover Hose

Applicable Specs.: SAE 100 R5, D.O.T. FMVSS 106

Main Applications: Low-medium pressure lines

Tube: Oil resistant synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: One textile braid

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	SAE Dash	Hose I.D.		Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
		inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR5-04	-04	3/16"	4.8	13.2	21.0	3045	84.0	12180	75	220	00518-04	xxxx8-xx-04
GR5-05	-05	1/4"	6.4	14.8	21.0	3045	84.0	12180	85	260	00518-05	xxxx8-xx-05
GR5-06	-06	5/16"	7.9	17.3	15.5	2248	62.0	8990	100	330	00518-06	xxxx8-xx-06
GR5-08	-08	13/32"	10.3	19.5	14.0	2030	56.0	8120	115	390	00518-08	xxxx8-xx-08
GR5-10	-10	1/2"	12.7	23.4	12.1	1755	48.4	7018	140	540	00518-10	xxxx8-xx-10
GR5-12	-12	5/8"	15.9	27.4	10.3	1494	41.2	5974	165	660	00518-12	xxxx8-xx-12
GR5-16	-16	7/8"	22.2	31.4	5.5	798	22.0	3190	185	790	00518-16	xxxx8-xx-16
GR5-20	-20	1.1/8"	28.6	38.1	4.3	624	17.2	2494	230	1010	00518-20	xxxx8-xx-20
GR5-24	-24	1.3/8"	34.9	44.5	3.4	493	13.6	1972	265	1170	00518-24	XXXX8-XX-24
GR5-32	-32	1.13/16"	46.0	56.4	2.4	348	9.6	1392	335	1690	00518-32	XXXX8-XX-32
GR5-40	-40	2.3/8"	34.9	60.3	2.4	348	9.6	1392	610	2000	00518-40	XXXX8-XX-40
GR5-48	-48	3"	76.2	90.5	1.4	203	5.6	812	840	3000	00518-48	XXXX8-XX-48

Continuous Brand Layline Example

SINOPULSE GR5-04 SAE 100R5 / J1402 Type II(D.O.T. FMVSS 106 Type All) 3/16" W.P.3040PSI -XXXXXX-

1.1 Hydraulic Hose

G4SP Four Spiral Wire Hose

Applicable Specs.: EN 856 4SP, ISO 3862 4SP

Main Applications: Very high pressure power lines

Tube: Oil resistant synthetic rubber

Reinforcement: Four spirals of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
G4SP-04	-04	1/4"	6.4	14.7	17.9	48.5	7030	194	28130	150	603	00400-04	xxxx2-xx-04
G4SP-06	-06	3/8"	9.5	17.5	21.4	45.0	6520	180	26100	180	751	00400-06	xxxx2-xx-06
G4SP-08	-08	1/2"	12.7	20.4	24.6	42.0	6090	168	24360	230	943	00400-08	xxxx2-xx-08
G4SP-10	-10	5/8"	15.9	23.7	28.2	38.0	5510	152	22040	250	1269	00400-10	xxxx2-xx-10
G4SP-12	-12	3/4"	19.0	28.2	32.2	38.0	5510	152	22040	300	1450	00400-12	xxxx2-xx-12
G4SP-16	-16	1"	25.4	35.0	39.4	32.0	4640	128	18560	340	2178	00400-16	xxxx2-xx-16
G4SP-20	-20	1.1/4"	31.8	46.0	50.8	21.0	3040	84	12180	460	2825	00400-20	xxxx2-xx-20
G4SP-24	-24	1.1/2"	38.1	52.4	57.2	18.5	2680	74	10730	560	3441	00400-24	xxxx2-xx-24
G4SP-32	-32	2"	50.8	65.4	69.8	17.5	2530	70	10150	660	4764	00400-32	xxxx2-xx-32

Continuous Brand Layline Example

SINOPULSE G4SP-04 EN 856 4SP 1/4" (6.4mm) W.P.48.5MPA (7030PSI) -XXXXXX-

G4SH Four Spiral Wire Hose

Applicable Specs.: EN 856 4SH, ISO 3862 4SH

Main Applications: Very high pressure power lines

Tube: Oil resistant synthetic rubber

Reinforcement: Four spirals of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
G4SH-12	-12	3/4"	19.0	28.2	32.2	42.0	6090	168	24360	210	1761	00400-12	xxxx2-xx-12
G4SH-16	-16	1"	25.4	35.0	38.7	38.5	5580	154	22300	220	2178	00400-16	xxxx2-xx-16
G4SH-20	-20	1.1/4"	31.8	42.2	45.5	35.0	5070	140	20300	420	2825	00400-20	xxxx2-xx-20
G4SH-24	-24	1.1/2"	38.1	49.0	53.5	30.0	4350	120	17400	560	3441	00401-24	xxxx2-xx-24
G4SH-32	-32	2"	50.8	63.5	68.1	25.0	3620	100	14500	700	4764	00401-32	xxxx2-xx-32

Continuous Brand Layline Example

SINOPULSE G4SH-04 EN 856 4SH 3/4" (19mm) W.P.42MPA (6090PSI) -XXXXXX-

1.1 Hydraulic Hose

GR12 Four Spiral Wire Hose

Applicable Specs.: EN 856 R12, SAE 100 R12, ISO 3862 R12

Main Applications: Very high pressure power lines

Tube: Oil resistant synthetic rubber

Reinforcement: Four spirals of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR12-06	-06	3/8"	9.5	17.5	20.3	28.0	4060	112	16240	125	751	00400-06	xxxx2-xx-06
GR12-08	-08	1/2"	12.7	20.4	23.8	28.0	4060	112	16240	180	943	00400-08	xxxx2-xx-08
GR12-10	-10	5/8"	15.9	24.4	27.4	28.0	4060	112	16240	200	1269	00400-10	xxxx2-xx-10
GR12-12	-12	3/4"	19.0	27.4	30.7	28.0	4060	112	16240	240	1450	00400-12	xxxx2-xx-12
GR12-16	-16	1"	25.4	35.0	38.0	28.0	4060	112	16240	300	2178	00400-16	xxxx2-xx-16
GR12-20	-20	1.1/4"	31.8	43.0	47.0	21.0	3040	84	12180	420	2825	01400-20	xxxx2-xx-20
GR12-24	-24	1.1/2"	38.1	50.0	53.5	17.5	2530	70	10150	500	3441	01400-24	xxxx2-xx-24
GR12-32	-32	2"	50.8	63.5	66.7	17.5	2530	70	10150	640	4764	00401-32	xxxx2-xx-32

Continuous Brand Layline Example

SINOPULSE GR12-04 SAE 100R12 3/8" (9.5mm) W.P.28MPA (4060PSI) -XXXXXX-

GR13 Four or Six Spiral Wire Hose

Applicable Specs.: EN 856 R13, SAE 100 R13, ISO 3862 R13

Main Applications: Very high pressure power lines

Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel spirals(3/4" and 1"), Six high tensile steel spirals(1.1/4", 1.1/2", 2")

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR13-12	-12	3/4"	19.0	29.0	32.1	35.0	5070	140	20300	240	1450	00621-12	xxxx3-xx-12
GR13-16	-16	1"	25.4	36.0	38.7	35.0	5070	140	20300	300	2178	00621-16	xxxx3-xx-16
GR13-20	-20	1.1/4"	31.8	46.0	49.8	35.0	5070	140	20300	420	2825	00621-20	xxxx3-xx-20
GR13-24	-24	1.1/2"	38.1	54.6	57.3	35.0	5070	140	20300	500	3441	00621-24	xxxx3-xx-24
GR13-32	-32	2"	50.8	67.5	71.8	35.0	5070	140	20300	640	4764	00621-32	xxxx3-xx32

Continuous Brand Layline Example

SINOPULSE GR13-12 SAE 100R13 3/4" (19mm) W.P.35MPA (5070PSI) -XXXXXX-

1.1 Hydraulic Hose

GR15 Four or Six Spiral Wire Hose

Applicable Specs.: SAE 100 R15, ISO 3862 R15

Main Applications: Very high pressure power lines

Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel spirals(3/4" and 1"), Six high tensile steel spirals(1.1/4", 1.1/2", 2")

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR15-06	-06	3/8"	9.5	17.8	20.6	42.0	6090	168	24366	150	751	00621-06	xxxx3-xx-06
GR15-08	-08	1/2"	12.7	20.4	23.8	42.0	6090	168	24366	200	870	00621-08	xxxx3-xx-08
GR15-12	-12	3/4"	19.0	28.2	31.6	42.0	6090	168	24366	265	1610	00621-12	xxxx3-xx-12
GR15-16	-16	1"	25.4	35.1	38.6	42.0	6090	168	24366	330	2200	00621-16	xxxx3-xx-16
GR15-20	-20	1.1/4"	31.8	46.3	49.6	42.0	6090	168	24366	445	3570	00621-20	xxxx3-xx-20
GR15-24	-24	1.1/2"	38.1	54.6	57.5	42.0	6090	168	24366	530	4980	00621-24	xxxx3-xx-24

Continuous Brand Layline Example

SINOPULSE GR15-06 SAE 100R15 3/8" (9.5mm) W.P.42MPA (6090PSI) -XXXXXX-

GR14 Teflon Hose - Stainless Steel Wire Cover

Tube: Emperature chemical resistant PTFE material

Cover: Braided with stainless steel

Temperature: -50°C to +260°C (-50°F to +500°F)

Applicable Specs.: SAE 100R14

Part. Ref.	SAE Dash	Hose I.D.		Max W.P.		Priif Pressure		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
		inch	mm	mpa	psi	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR14-03	-3	1/8"	3.2	10.5	1520	41.4	6000	82.7	11990	40	100	00TF0-02	xxxx1-xx-02
GR14-04	-4	3/16"	4.8	10.5	1520	34.5	5000	68.9	9990	50	114	00TF0-03	xxxx1-xx-03
GR14-05	-5	1/4"	6.4	10.5	1520	31.0	4500	62.0	8990	75	130	00TF0-04	xxxx1-xx-04
GR14-06	-6	5/16"	7.9	10.5	1520	27.6	4000	55.2	8000	100	170	00TF0-05	xxxx1-xx-05
GR14-07	-7	3/8"	9.5	10.5	1520	24.1	3490	48.3	7000	125	200	00TF0-06	xxxx1-xx-06
GR14-08	-8	13/32"	10.3	7.0	1020	20.7	3000	41.4	6000	135	220	00TF0-07	xxxx1-xx-07
GR14-10	-10	1/2"	12.7	5.6	810	20.7	3000	41.4	6000	165	260	00TF0-08	xxxx1-xx-08
GR14-12	-12	5/8"	15.9	5.6	810	17.2	2490	34.5	5000	200	380	00TF0-10	xxxx1-xx-10
GR14-14	-14	3/4"	19.0	5.6	810	16.8	2440	27.6	4000	230	460	00TF0-12	xxxx1-xx-12
GR14-16	-16	7/8"	22.2	5.6	810	12.1	1750	24.1	3490	230	510	00TF0-14	xxxx1-xx-14
GR14-18	-18	1"	25.4	5.6	810	12.1	1750	24.1	3490	300	560	00TF0-16	xxxx1-xx-16
GR14-20	-20	1.1/8"	28.6	4.2	610	8.6	1250	17.2	2490	410	664	00TF0-18	xxxx1-xx-18

1.1 Hydraulic Hose

GR7 One Fiber Thermoplastic Hose

Applicable Specs.: SAE 100R7, EN 855 R7

Main Applications: Medium pressure thermoplastic hose with a perforated cover. Compatible with petroleum, water and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

Tube: Nylon

Reinforcement: Two braids of High Pressure Synthetic Fiber

Cover: High Flexibility Nylon or Thermoplastic

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

Part. Ref.	Hose Size.		Hose I.D.		Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR7-02	3	-02	1/8"	3.3	8.5	21.0	3050	84.0	12180	25	48	00018-02	xxxx1-xx-02
GR7-03	5	-03	3/16"	4.8	10.8	21.0	3050	84.0	12180	90	96	00018-03	xxxx1-xx-03
GR7-04	6	-04	1/4"	6.4	13.0	19.2	2780	76.8	11140	100	120	00018-04	xxxx1-xx-04
GR7-05	8	-05	5/16"	7.9	15.1	17.5	2540	60.4	8760	115	145	00018-05	xxxx1-xx-05
GR7-06	10	-06	3/8"	9.5	17.0	15.7	2280	62.8	9110	125	175	00018-06	xxxx1-xx-06
GR7-08	12	-08	1/2"	12.7	20.7	14.0	2030	56.0	8120	180	250	00018-08	xxxx1-xx-08
GR7-10	16	-10	5/8"	15.9	24.0	10.5	1520	42.0	6090	205	300	00018-10	xxxx1-xx-10
GR7-12	20	-12	3/4"	19.0	27.1	8.7	1260	34.8	5050	240	340	00018-12	xxxx1-xx-12
GR7-16	25	-16	1"	25.4	34.0	7.0	1020	28.0	4060	300	465	00018-16	xxxx1-xx-16

Continuous Brand Layline Example

SINOPULSE GR7-03 SAE 100R7 / EN 855 R7 3/16" (4.8mm) W.P.21MPA (3050PSI) -XXXXXX-

GR8 Two Fiber Thermoplastic Hose

Applicable Specs.: SAE 100R8, EN 855 R8

Main Applications: Medium pressure thermoplastic hose as with R7

Tube: Nylon

Reinforcement: Two braids of High Pressure Synthetic Fiber

Cover: High Flexibility Nylon or Thermoplastic

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

Part. Ref.	Hose Size.		Hose I.D.		Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR8-02	3	-02	1/8"	3.3	9.0	42.0	6090	168	24360	25	58	00018-02	xxxx1-xx-02
GR8-03	5	-03	3/16"	4.8	13.1	35.0	5080	140	20300	90	115	00018-03	xxxx1-xx-03
GR8-04	6	-04	1/4"	6.4	15.9	35.0	5080	140	20300	100	160	00018-04	xxxx1-xx-04
GR8-06	10	-06	3/8"	9.5	19.4	28.0	4060	112	16240	125	190	00018-06	xxxx1-xx-06
GR8-08	12	-08	1/2"	12.7	22.7	24.5	3550	98.0	14210	180	300	00018-08	xxxx1-xx-08
GR8-10	16	-10	5/8"	15.9	25.0	19.2	2780	76.8	11140	205	360	00018-10	xxxx1-xx-10
GR8-12	20	-12	3/4"	19.0	29.0	15.7	2280	62.8	9110	240	410	00018-12	xxxx1-xx-12
GR8-16	25	-16	1"	25.4	34.0	14.0	2030	56.0	8120	300	480	00018-16	xxxx1-xx-16

Continuous Brand Layline Example

SINOPULSE GR8-03 SAE 100R8 / EN 855 R8 3/16" (4.8mm) W.P.35MPA (5080PSI) -XXXXXX-

1.1 Hydraulic Hose

GR3 Two Textile Braid Hose

Applicable Specs.: SAE 100R3, ISO 4079 R3

Main Applications: Low-medium pressure lines, return lines

Tube: Oil resistant synthetic rubber

Reinforcement: Two high resistance textile braid

Cover: Oil and weather resistant synthetic rubber

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

Part. Ref.	Hose Size.		Hose I.D.		Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
GR3-03	5	-03	3/16"	4.8	12.7	10.5	1520	42.0	6090	75	160		
GR3-04	6	-04	1/4"	6.4	14.3	8.7	1260	34.8	5050	75	190		
GR3-05	8	-05	5/16"	7.9	17.5	8.4	1220	33.6	4870	100	260		
GR3-06	10	-06	3/8"	9.5	19.0	7.8	1130	31.2	4520	100	280		
GR3-08	12	-08	1/2"	12.7	23.8	7.0	1010	28.0	4060	125	400		
GR3-10	16	-10	5/8"	15.9	27.0	6.1	880	24.4	3540	140	550		
GR3-12	20	-12	3/4"	19.0	31.8	5.2	750	20.8	3020	150	690		
GR3-16	25	-16	1"	25.4	38.0	3.9	560	15.6	2260	205	820		
GR3-20	32	-20	1.1/4"	31.8	44.4	2.6	380	10.4	1510	250	1000		

Continuous Brand Layline Example

SINOPULSE GR3-03 SAE 100R3 3/16" (4.8mm) W.P.10.5MPA (1520PSI) -XXXXXX-

GR6 One Textile Braid Hose

Applicable Specs.: SAE 100 R6, EN 854 R6/1TE, ISO 4079 1TE/R6

Main Applications: Low pressure lines, return lines, drain lines

Tube: Oil resistant synthetic rubber

Reinforcement: One high resistance textile braid

Cover: Environment resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.		Hose I.D.		Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	insert
GR6-03	5	-03	3/16"	4.8	11.1	3.5	510	14.0	2030	35	110	xxxx1-xx-03PO
GR6-04	6	-04	1/4"	6.4	12.7	2.8	410	12.0	1740	45	150	xxxx1-xx-04PO
GR6-05	8	-05	5/16"	7.9	14.3	2.8	410	12.0	1740	65	160	xxxx1-xx-05PO
GR6-06	10	-06	3/8"	9.5	15.9	2.8	410	12.0	1740	75	180	xxxx1-xx-06PO
GR6-08	12	-08	1/2"	12.7	19.8	2.8	410	12.0	1740	90	260	xxxx1-xx-08PO
GR6-10	16	-10	5/8"	15.9	23.0	2.4	350	12.0	1740	115	290	xxxx1-xx-10PO
GR6-12	20	-12	3/4"	19.0	26.6	2.1	300	12.0	1740	140	400	xxxx1-xx-12PO
G1TE-16	25	-16	5/8"	25.0	33.0	1.2	170	4.8	700	115	440	xxxx1-xx-16PO

Continuous Brand Layline Example

SINOPULSE GR6-03 SAE 100R6 / 1TE 3/16" (4.8mm) W.P.3.5MPA (510PSI) -XXXXXX-

1.1 Hydraulic Hose

G2TE One Textile Braid Hose

Applicable Specs.: EN 854 2TE, ISO 4079 2TE

Main Applications: Low pressure lines, return lines

Tube: Oil resistant synthetic rubber

Reinforcement: One high resistance textile braid

Cover: Environment resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Hose I.D.		Hose O.D.		Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	insert		
G2TE-03	5	-03	3/16"	4.8	11.8	8.0	1160	32.0	4640	25	100	xxxx1-xx-03PO		
G2TE-04	6	-04	1/4"	6.4	13.4	7.5	1080	30.0	4350	40	125	xxxx1-xx-04PO		
G2TE-05	8	-05	5/16"	7.9	14.9	6.8	980	27.2	3940	50	150	xxxx1-xx-05PO		
G2TE-06	10	-06	3/8"	9.5	16.5	6.3	910	25.2	3650	60	180	xxxx1-xx-06PO		
G2TE-08	12	-08	1/2"	12.7	19.7	5.8	840	23.2	3360	70	220	xxxx1-xx-08PO		
G2TE-10	16	-10	5/8"	15.9	23.9	5.0	720	20.0	2900	90	290	xxxx1-xx-10PO		
G2TE-12	20	-12	3/4"	19.0	27.0	4.5	650	18.0	2610	110	360	xxxx1-xx-12PO		
G2TE-16	25	-16	1"	25.4	34.4	4.0	580	16.0	2320	130	440	xxxx1-xx-16PO		
G2TE-20	32	-20	1.1/4"	31.8	41.5	3.5	500	14.0	2030	140	650	xxxx1-xx-20PO		

Continuous Brand Layline Example

SINOPULSE GE2TE-03 EN 854 2TE 3/16" (4.8mm) W.P.8MPA (1160PSI) -XXXXXX-

G3TE Two Textile Braid Hose

Applicable Specs.: EN 854 3TE, ISO 4079 3TE

Main Applications: Low-medium pressure lines, return lines

Tube: Oil resistant synthetic rubber

Reinforcement: Two high resistance textile braid

Cover: Oil and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Part. Ref.	Hose Size.			Hose I.D.		Hose O.D.		Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert		
G3TE-03	5	-03	3/16"	4.8	12.8	16.0	2320	64.0	9280	40	120				
G3TE-04	6	-04	1/4"	6.4	14.5	14.5	2100	58.0	8410	45	150				
G3TE-05	8	-05	5/16"	7.9	17.0	13.0	1880	52.0	7540	55	210				
G3TE-06	10	-06	3/8"	9.5	18.5	11.0	1590	44.0	6380	70	230				
G3TE-08	12	-08	1/2"	12.7	21.8	9.3	1340	37.2	5390	85	290				
G3TE-10	16	-10	5/8"	15.9	26.0	8.0	1160	32.0	4640	105	395				
G3TE-12	20	-12	3/4"	19.0	29.0	7.0	1010	28.0	4060	130	455				
G3TE-16	25	-16	1"	25.4	36.0	5.5	790	22.0	3190	150	580				
G3TE-20	32	-20	1.1/4"	31.8	42.0	4.5	650	18.0	2610	190	740				
G3TE-24	40	-24	1.1/2"	38.1	49.5	4.0	580	16.0	2320	240	920				
G3TE-32	50	-32	2"	50.8	62.2	3.3	470	13.2	1910	300	1140				

Continuous Brand Layline Example

SINOPULSE GE3TE-03 EN 854 3TE 3/16" (4.8mm) W.P.16MPA (2320PSI) -XXXXXX-

1.1 Hydraulic Hose

GR4 Fabric with Wire insert Rubber Hose

Main Applications: Suction lines, return lines

Tube: Oil resistant synthetic rubber

Reinforcement: Fabric reinforcements with steel helical body wire

Cover: Environment resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Applicable Specs.: SAE 100R4

Part. Ref.	Hose Size.		Hose I.D.		Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	DN	dash	inch	mm	mm	mpa	psi	mpa	psi	mm	g/m	insert	
GR4-12	20	-12	3/4"	19.0	32.0	2.1	300	8.4	1220	125	810		
GR4-16	25	-16	1"	25.4	37.4	1.7	246	6.8	990	150	1080		
GR4-20	32	-20	1.1/4"	31.8	45.0	1.4	200	5.6	810	200	1230		
GR4-24	40	-24	1.1/2"	38.1	52.0	1.1	160	4.4	640	255	1530		
GR4-32	50	-32	2"	50.8	64.0	0.7	102	2.8	400	300	2030		
GR4-40	64	-40	2.1/2"	63.5	77.0	0.4	58	1.6	230	355	2390		
GR4-48	76	-48	3"	76.2	90.0	0.4	58	1.6	230	460	3120		
GR4-56	90	-56	3.1/2"	88.9	103.0	0.3	44	1.2	174	530	3450		
GR4-64	100	-64	4"	101.6	120.0	0.25	37	1	145	610	3900		

Continuous Brand Layline Example

SINOPULSE GR4-12 Suction Hose SAE 100R4 3/4" (19mm) W.P.2.1MPA (300PSI) -XXXXXX-

Jet Wash Hose

(Steam Cleaning Hose)

Main Applications: Used to the high pressure, high temperature condition pressure wash industry

Tube: NBR or EPDM synthetic rubber

Reinforcement: One or two braid of high tensile steel wire

Cover: synthetic rubber resistanst to water and detergents in aqueous solution(Smooth or Wrapped)

Temperature: -40°C to 121°C / +155°C

Colors: Blue, Grey, Black.

WR1SN One Wire Braided Hose

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	Ferrule	insert
WR1SN-04	-04	1/4"	6.4	10.8	12.8	22.5	3260	90	13050	100	221	00110-04A	xxxx1-xx-04
WR1SN-05	-05	5/16"	7.9	12.5	14.5	21.5	3110	85	12320	115	275	00110-05A	xxxx1-xx-05
WR1SN-06	-06	3/8"	9.5	14.6	16.8	18.0	2610	72	10440	130	342	00110-06A	xxxx1-xx-06
WR1SN-08	-08	1/2"	12.7	17.6	19.8	16.0	2320	64	9280	180	418	00110-08A	xxxx1-xx-08

WR2SN Two Wire Braided Hose

Part. Ref.	Hose Size.			Wire O.D.	Hose O.D.	Max W.P.		Min. B.P.		Min. B.R.	Weight	Recommend Fittings	
	dash	inch	mm	mm	mm	mpa	psi	mpa	psi	mm	g/m	ferrule	insert
WR2SN-04	-04	1/4"	6.4	12.6	15.0	40.0	5800	160	23200	100	383	03310-04	xxxx1-xx-04
WR2SN-05	-05	5/16"	7.9	14.3	16.7	35.0	5070	140	20300	115	442	03310-05	xxxx1-xx-05
WR2SN-06	-06	3/8"	9.5	16.4	19.1	33.0	4780	132	19140	130	531	03310-06	xxxx1-xx-06
WR2SN-08	-08	1/2"	12.7	19.4	22.2	27.5	3980	110	15950	180	688	03310-08	xxxx1-xx-08

Continuous Brand Layline Example

SINOPULSE WR2SN-03 Wash Hose 1/4" (6.4mm) W.P.40MPA (5800PSI) 155°C -XXXXXX-

The drawings in this catalogue are for reference only, and their dimensions and proportions may be a little different from those of the real products. Products included in this catalogue don't refer to all , so if customers are interested in other products, please don't hesitate to contact Sinopulse for further information.

Sinopulse has made much effort to record the correct data in this publication. However, in order to promote our products, we may make some changes of their size or description, which haven't been shown yet. We reserve the rights for explanation, but sorry for no further notice to customer the change of products' design, description or even stop of some products' manufacture in future.

CONTACT US

Sinopulse Hose Factory Co., Ltd

Address: South Of Xingfu Road, Feixiang Industrial Zone, Handan City, Hebei Province, China

Phone: +86-310-8678700

Fax: +86-310-8678600

E-Mail: sales@sinopulse.cn

Website: www.sinopulse.cn