

JC

Hydraulic hose
Teflon hose



SAE 100R1 TYPE AT	-	-	-	-	-	-	-	-	-	-
Hose Dash Size	inch(mm)	ID(mm)	Wire Braid	Reinforcement layer OD(mm)	Hose OD(mm)	Pressure MAX psi(kgf/cm ²)	Impact Pressure psi(kgf/cm ²)	Burst pressure MIN psi(kgf/cm ²)	Bending Radius MIN inch(mm)	lbs./ft(kg/m)
4	1/4(6)	-6.4	1W	0.437(11.1)	0.527(13.4)	2,750(195)	5,500(385)	11,000(770)	4.00(102)	0.15(0.23)
-5	5/16(8)	-7.9	1W	0.500(12.7)	0.594(15.1)	2,500(175)	5,000(350)	10,000(700)	5.00(127)	0.18(0.26)
-6	3/8(9)	-9.5	1W	0.595(15.1)	0.685(17.4)	2,250(160)	4,500(315)	9,000(630)	5.00(127)	0.23(0.34)
-8	1/2(12)	-12.7	1W	0.716(18.2)	0.815(20.7)	2,000(140)	4,000(280)	8,000(560)	7.00(178)	0.28(0.42)
-10	5/8(15)	-15.9	1W	0.843(21.4)	0.933(23.7)	1,500(105)	3,000(210)	6,000(420)	8.00(203)	0.33(0.50)
-12	3/4(19)	-19	1W	1.000(25.4)	1.094(27.8)	1,250(90)	2,500(175)	5,000(350)	9.50(241)	0.42(0.63)
-16	1(25)	-25.4	1W	1.311(33.3)	1.406(35.7)	1,000(70)	2,000(140)	4,000(280)	12.00(305)	0.64(0.94)
-20	1-1/4(32)	-31.8	1W	1.594(40.5)	1.712(43.5)	625(45)	1,250(90)	2,500(175)	16.50(419)	0.83(1.24)
-24	1-1/2(38)	-38.1	1W	1.842(46.8)	1.976(50.2)	500(35)	1,000(70)	2,000(140)	20.00(508)	1.03(1.53)
-32	2(50)	-50.8	1W	2.374(60.3)	2.524(64.1)	375(25)	750(55)	1,500(105)	25.00(625)	1.38(2.05)

SAE 100R2 TYPE AT	-	-	-	-	-	-	-	-	-	-
Hose Dash Size	inch(mm)	ID(mm)	Wire Braid	Reinforcement layer OD(mm)	Hose OD(mm)	Pressure MAX psi(kgf/cm ²)	Impact Pressure psi(kgf/cm ²)	Burst pressure MIN psi(kgf/cm ²)	Bending Radius MIN inch(mm)	lbs./ft(kg/m)
-4	1/4(6)	-6.4	2W	0.500(12.7)	0.595(15.1)	5,000(350)	10,000(700)	20,000(1,400)	4.00(102)	0.26(0.40)
-5	5/16(8)	-7.9	2W	0.563(14.3)	0.657(16.7)	4,250(300)	8,500(595)	17,000(1,190)	4.50(114)	0.31(0.46)
-6	3/8(9)	-9.5	2W	0.657(16.7)	0.752(19.1)	4,000(280)	8,000(560)	16,000(1,120)	5.00(127)	0.38(0.56)
-8	1/2(12)	-12.7	2W	0.780(19.8)	0.874(22.2)	3,500(245)	7,000(490)	14,000(980)	7.00(178)	0.44(0.67)
-10	5/8(15)	-15.9	2W	0.906(23.0)	1.000(25.4)	2,750(195)	5,500(385)	11,000(770)	8.00(203)	0.52(0.78)
-12	3/4(19)	-19	2W	1.063(27.0)	1.157(29.4)	2,250(160)	4,500(315)	9,000(630)	9.50(241)	0.67(0.99)
-16	1(25)	-25.4	2W	1.374(34.9)	1.492(37.9)	2,000(140)	4,000(280)	8,000(560)	12.00(305)	0.99(1.47)
-20	1-1/4(32)	-31.8	2W	1.748(44.4)	1.882(47.8)	1,625(115)	3,250(230)	6,500(445)	16.50(419)	1.56(2.30)
-24	1-1/2(38)	-38.1	2W	2.000(50.8)	2.150(54.6)	1,250(90)	2,500(175)	5,000(350)	20.00(508)	1.76(2.60)
-32	2(50)	-50.8	2W	2.500(63.5)	2.650(67.3)	1,125(80)	2,250(67.3)	4,500(315)	25.00(625)	2.30(3.40)

SAE 100R9 TYPE A	-	-	-	-	-	-	-	-	-	-
Hose Dash Size	inch(mm)	ID(mm)	Wire Braid	Reinforcement layer OD(mm)	Hose OD(mm)	Pressure MAX psi(kgf/cm ²)	Impact Pressure psi(kgf/cm ²)	Burst pressure MIN psi(kgf/cm ²)	Bending Radius MIN inch(mm)	lbs./ft(kg/m)
-6	3/8(9)	-9.5	4S	0.685(17.4)	0.842(21.4)	4,500(315)	9,000(630)	18,000(1,260)	5.00(127)	0.45(0.67)
-8	1/2(12)	-12.7	4S	0.795(20.2)	0.968(24.6)	4,000(280)	8,000(560)	16,000(1,120)	7.00(178)	0.58(0.86)
-12	3/4(19)	-19	4S	1.079(27.4)	1.236(31.4)	3,000(210)	6,000(420)	12,000(840)	9.50(241)	0.77(1.15)
-16	1(25)	-25.4	4S	1.382(35.1)	1.555(39.5)	3,000(210)	6,000(420)	8,000(560)	12.00(305)	1.18(1.76)
-20	1-1/4(32)	-31.8	4S	1.748(44.4)	2.000(50.8)	2,500(175)	5,000(350)	10,000(700)	16.50(419)	1.84(2.75)
-24	1-1/2(38)	-38.1	4S	2.000(50.8)	2.236(56.8)	2,000(140)	4,000(280)	8,000(560)	20.00(508)	2.13(3.17)

SAE 100R10 TYPE AT	-	-	-	-	-	-	-	-	-	-
Hose Dash Size	inch(mm)	ID(mm)	Wire Braid	Reinforcement layer OD(mm)	Hose OD(mm)	Pressure MAX psi(kgf/cm ²)	Impact Pressure psi(kgf/cm ²)	Burst pressure MIN psi(kgf/cm ²)	Bending Radius MIN inch(mm)	lbs./ft(kg/m)
-12	3/4(19)	-19	4S	1,250(31.8)	1,358(34.5)	5,000(350)	10,000(700)	20,000(1,400)	11.00(279)	1.28(1.15)
-16	1(25)	-25.4	4S	1.563(39.7)	1.673(42.5)	4,000(280)	8,000(560)	16,000(1,120)	14.00(356)	1.64(2.45)
-20	1-1/4(32)	-31.8	4S	1,811(46.0)	1,929(49.0)	3,000(210)	6,000(420)	12,000(840)	18.00(457)	2.00(2.98)
-24	1-1/2(38)	-38.1	4S	2.590(65.8)	2.736(69.5)	2,500(175)	5,000(350)	10,000(700)	22.00(559)	2.31(3.45)
-32	2(50)	-50.8	4S	2.590(65.8)	2.736(69.5)	2,500(175)	5,000(350)	10,000(700)	28.00(711)	3.45(5.15)

JenChia Innovations Co.

**Green & Energy Saving
Thanks**

JEN CHIA INNOVATIONS CO.
 4F-3,NO. 36,SEC. 1,HWA MEI W. ST.,WEST DIST.,
 TAICHUNG 40356,TAIWAN,R. O. C.
 TEL: 886-4-2323-0100 FAX: 886-4-2323-0218
 E-mail: jenchia.in@msa.hinet.net , kai.en.tseng@gmail.com
www.jenchiaparts.com