

1SN / R1AT

ONE WIRE RUBBER HOSE



Hydraulic applications

#											
	mm	inch	mm	bar	psi	bar	psi	mm	kg/m		
1SN-4	6.3	1/4	13.0	225	3,250	900	13,000	100.0	0.24		
1SN-6	10.0	3/8	17.0	180	3,000	720	10,400	130.0	0.34		
1SN-8	12.5	1/2	21.0	160	2,500	640	9,300	180.0	0.43		
1SN-12	19.0	3/4	28.0	105	1,750	420	7,500	240.0	0.63		
1SN-16	25.0	1	36.0	88	1,275	350	5,075	300.0	0.94		
1SN-20	31.0	1 1/4	49.0	63	900	252	3,600	420.0	1.19		
1SN-24	38.0	1 1/2	51.0	50	725	200	2,900	500.0	1.49		
1SN-32	51.0	2	65.0	40	575	160	2,300	630.0	2.23		

APPLICATIONS

Low-medium pressure hydraulics. Used with petroleum based hydraulic fluids and lubricating oils. Specific installations with high abrasion conditions, marine applications, underground and open pit mining.

FEATURES

- High abrasion resistance
- High ozone and weather resistance flame resistance to a wide range of spec
- Applicable specifications: Exceeds EN 853 1SN - SAE 100 R1AT - ISO 1436 1SN / R1AT

CONSTRUCTION

Core tube: Nitrile or neoprene synthetic rubber.
Pressure reinforcement: One braided steel wire.
Cover: Synthetic rubber, MSHA accepted.

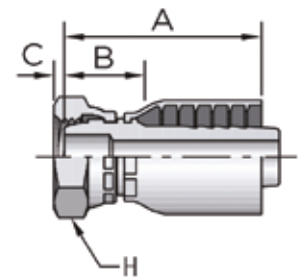
TEMPERATURE RANGE

-40°C to +100°C.

FITTINGS

Female metric L - swivel - (Ball nose)

		A	B	C	H
inch		mm	mm	mm	mm
1/4	M12 x 1.5	44.0	29.0	2.0	14
1/4	M14 x 1.5	45.0	29.0	3.0	17
5/16	M16 x 1.5	51.0	30.0	2.0	19
3/8	M16 x 1.5	52.0	28.0	2.0	19
5/16	M18 x 1.5	47.0	18.0	3.0	22
3/8	M18 x 1.5	57.0	30.0	3.0	22
3/8	M22 x 1.5	47.0	18.0	4.0	27
1/2	M22 x 1.5	61.0	33.0	4.0	27
5/8	M26 x 1.5	67.0	31.0	3.0	32
3/4	M26 x 1.5	71.0	35.0	3.0	32
3/4	M30 x 2	73.0	36.0	5.0	36
1	M36 x 2	85.0	45.0	6.0	46






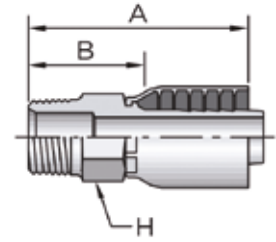
Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.



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Male NPTF pipe - rigid

		A	B		Stainless Steel (C)
inch		mm	mm	inch	
1/4	1/8 x 27	46.0	27.0	9/16	-
1/4	1/4 x 18	51.0	22.0	9/16	✓
5/16	1/4 x 18	49.0	30.0	11/16	-
3/8	1/4 x 18	58.0	32.0	3/4	-
1/4	3/8 x 18	47.0	28.0	11/16	-
5/16	3/8 x 18	49.0	30.0	11/16	-
3/8	3/8 x 18	60.0	34.0	3/4	✓
1/2	3/8 x 18	66.0	34.0	7/8	-
5/8	3/8 x 18	66.0	30.0	15/16	-
1/4	1/2 x 14	54.0	35.0	7/8	-
3/8	1/2 x 14	61.0	35.0	7/8	-
1/2	1/2 x 14	72.0	40.0	7/8	✓
5/8	1/2 x 14	77.0	40.0	15/16	-
3/4	1/2 x 14	77.0	41.0	1 1/16	-
1/2	3/4 x 14	68.0	36.0	1 1/16	-
5/8	3/4 x 14	73.0	36.0	1 1/16	-
3/4	3/4 x 14	78.0	42.0	1 1/16	✓
1	3/4 x 14	86.0	45.0	1 3/8	-
3/4	1 x 11-1/2	78.0	42.0	1 3/8	-
1	1 x 11-1/2	66.0	50.0	1 3/8	✓
1-1/4	1 1/4 x 11-1/2	104.0	61.0	1 3/4	✓
1-1/2	1 1/2 x 11-1/2	89.0	54.0	2	-
2	2 x 11-1/2	103.0	58.0	2 1/2	-







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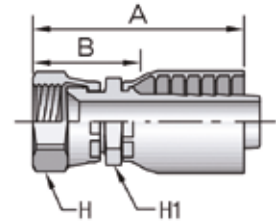
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ONE WIRE RUBBER HOSE



Female JIC 37° - swivel

		A	B			Stainless Steel (C)
inch		mm	mm	inch	inch	
1/4	7/16 x 20	49.0	30.0	9/16	9/16	✓
3/8	7/16 x 20	56.0	30.0	11/16	9/16	-
1/4	1/2 x 20	52.0	33.0	9/16	5/8	-
5/16	1/2 x 20	53.0	34.0	11/16	5/8	-
3/8	1/2 x 20	57.0	31.0	11/16	5/8	-
1/4	9/16 x 18	52.0	33.0	9/16	11/16	-
5/16	9/16 x 18	53.0	34.0	11/16	11/16	-
3/8	9/16 x 18	58.0	32.0	11/16	11/16	✓
1/2	9/16 x 18	64.0	32.0	13/16	11/16	-
1/2	3/4 x 16	63.0	37.0	7/8	11/16	✓
1/2	3/4 x 16	67.0	35.0	7/8	13/16	✓
5/8	3/4 x 16	72.0	35.0	7/8	15/16	-
3/4	3/4 x 16	72.0	35.0	7/8	1 1/16	-
3/8	7/8 x 14	64.0	38.0	1	7/8	-
1/2	7/8 x 14	72.0	40.0	1	7/8	-
5/8	7/8 x 14	74.0	38.0	1	15/16	✓
3/4	7/8 x 14	74.0	38.0	1	1 1/16	-
1/2	1 1/16 x 12	71.0	39.0	1 1/14	1 1/16	-
5/8	1 1/16 x 12	79.0	42.0	1 1/14	1 1/16	-
3/4	1 1/16 x 12	81.0	44.0	1 1/14	1 1/16	✓
1	1 1/16 x 12	84.0	42.0	1 1/4	1 3/8	-
3/4	1 3/16 x 12	81.0	44.0	1 3/8	1 1/4	-
3/4	1 5/16 x 12	84.0	47.0	1 1/2	1 1/4	-
1	1 5/16 x 12	92.0	51.0	1 1/2	1 3/8	✓
1	1 5/8 x 12	97.0	56.0	2	1 5/8	-
1-1/4	1 5/8 x 12	100.0	57.0	2	1 7/8	✓
1-1/2	1 7/8 x 12	98.0	63.0	2 1/4	2 1/8	-
2	2 1/2 x 12	120.0	75.0	2 7/8	2 1/2	-







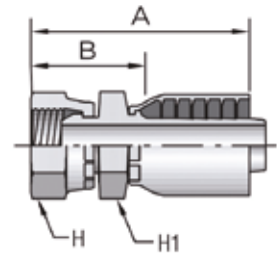
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Female BSP parallel pipe - swivel - (60° cone)

		A	B			Stainless Steel (C)
inch		mm	mm	mm	mm	
1/4	1/8 x 28	49.0	24.0	12.0	12.0	✓
1/4	1/4 x 19	53.0	28.0	14.0	14.0	✓
1/4	3/8 x 19	56.0	31.0	18.0	18.0	✓
1/4	1/2 x 14	61.0	35.0	22.0	22.0	-
5/16	3/8 x 19	58.0	31.0	17.0	17.0	-
3/8	1/4 x 19	62.0	31.0	17.0	17.0	-
3/8	3/8 x 19	64.0	32.0	17.0	17.0	✓
3/8	1/2 x 14	67.0	36.0	22.0	22.0	✓
1/2	3/8 x 19	70.0	34.0	22.0	22.0	-
1/2	1/2 x 14	73.0	36.0	22.0	22.0	✓
1/2	5/8 x 14	75.0	38.0	24.0	24.0	-
1/2	3/4 x 14	76.0	27.0	39.0	39.0	-
5/8	1/2 x 14	80.0	38.0	24.0	24.0	-
5/8	5/8 x 14	82.0	38.0	24.0	24.0	-
3/4	3/4 x 14	84.0	42.0	27.0	27.0	✓
3/4	1 x 11	88.0	47.0	32.0	32.0	-
1	1 x 11	100.0	50.0	35.0	35.0	✓
1 1/4	1 1/4 x 11	112.0	59.0	46.0	46.0	✓
1 1/2	1 1/2 x 11	112.0	66.0	50.0	50.0	✓
2	2 x 11	128.0	71.0	60.0	60.0	✓



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