



C1T (G1) One Wire Braid Hose – SAE 100R1 Type AT

Meets performance requirements of DIN 20022 1SN / EN 853 1SN
Meets Flame Resistance Acceptance Designation "U.S. MSHA 2G"

Medium
Pressure

Recommended For : Medium pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R1 Type AT and performance requirements of DIN 20022 1SN / EN 853 1SN. **Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.** Suitable for use with non-skive ferrules.



Tube : Oil-resistant synthetic rubber (Nitrile).

Reinforcement : One braid of high-tensile steel wire.

Cover : Oil and abrasion-resistant synthetic rubber (Modified Nitrile).

Temperature Range : For Hydraulic Oil Lines -40°C to +100°C. For water emulsions, etc., see page 24.

SPECIFICATIONS

Description	Hose I.D.		Hose O.D.		Braid O.D.		Working Pressure		Minimum Burst Pressure		Minimum Bend Radius
	in.	mm	in.	mm	in.	mm	psi	bar	psi	bar	in.
4C1T(G1)	1/4	6.4	0.53	13.5	0.44	11.3	3,275	226	13,100	904	2.00
5C1T(G1)	5/16	7.9	0.59	15.1	0.52	13.2	3,125	216	12,500	864	2.25
6C1T(G1)	3/8	9.5	0.69	17.1	0.59	15.0	2,600	180	10,400	720	2.50
8C1T(G1)	1/2	12.7	0.82	20.3	0.72	18.2	2,325	160	9,300	640	3.50
10C1T(G1)	5/8	15.9	0.94	23.5	0.84	21.3	1,900	131	7,600	524	4.00
12C1T(G1)	3/4	19.0	1.10	27.6	1.00	25.4	1,525	105	6,100	420	4.75
16C1T(G1)	1	25.4	1.41	35.4	1.31	33.3	1,275	88	5,100	352	6.00
20C1T(G1)	1¼	31.8	1.72	43.7	1.59	40.4	925	64	3,700	256	8.25
24C1T(G1)	1½	38.1	1.96	49.8	1.85	46.8	725	50	2,900	200	10.00
32C1T(G1)	2	50.8	2.52	64.0	2.37	60.3	600	41	2,400	164	12.50
1-Wire *	2½	63.5	2.88	77.5	2.88	73.2	390	27	1,560	108	30.00
1-Wire *	3	76.4	3.44	92.6	3.45	87.6	315	22	1,260	88	33.00

*Gates Proprietary Hose. Not covered under SAE/DIN/EN Stds., Half Bend Radius Feature.