

**High Pressure**

## C2AT (G2) Two Wire Braid Hose – SAE 100R2 Type AT

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



**Recommended For :** High pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2 Type AT and performance requirement of DIN 20022 2SN / EN 853 2SN. **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 :** Two braids of high-tensile steel wire.

**Cover :** Oil and abrasion resistant thin 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.
4C2AT (G2)	1/4	6.4	0.58	15.0	0.50	12.8	5,800	400	23,200	1,600	2.00
5C2AT (G2)	5/16	7.9	0.65	16.5	0.57	14.4	5,100	352	20,400	1,408	2.25
6C2AT (G2)	3/8	9.5	0.73	18.8	0.65	16.6	4,800	331	19,200	1,324	2.50
8C2AT (G2)	1/2	12.7	0.86	21.8	0.78	19.7	4,000	276	16,000	1,104	3.50
10C2AT (G2)	5/8	15.9	0.98	25.1	0.91	23.0	3,625	250	14,500	1,000	4.00
12C2AT (G2)	3/4	19.0	1.14	29.0	1.06	26.9	3,100	214	12,400	856	4.75
16C2AT (G2)	1	25.4	1.48	37.6	1.37	34.8	2,400	166	9,600	664	6.00
20C2AT (G2)	1¼	31.8	1.87	47.5	1.75	44.5	1,825	126	7,300	504	8.25
24C2AT (G2)	1½	38.1	2.15	54.6	2.00	50.8	1,300	90	5,200	360	10.00
32C2AT (G2)	2	50.8	2.65	67.3	2.50	63.5	1,175	81	4,700	324	12.50
40C2A	2½†	63.5	3.24	82.5	3.00	76.2	1,000	69	4,000	276	30.00
2-Wire	3*	76.4	3.80	96.7	3.59	91.3	650	45	2,600	180	33.00

†The Hose is suitable for hot air applications only. Not covered under Half Bend Radius Feature.

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