



C12 and C12M Four Spiral Wire Hose – SAE 100R12

Meets Flame Resistance Acceptance Designation "U.S. MSHA 2G"

Very High Pressure

Recommended For : Very high-pressure hydraulic applications. Exceeds all performance requirements for SAE 100R12 and performance requirements of EN 856 4SP (-16). C12 hose provides excellent impulse life. Recommended for use with Gates GS Couplings.



Tube : Black, oil resistant, synthetic rubber (Neoprene).

Reinforcement : Four layers of alternated, spiraled high tensile steel wire.

Cover : Black, oil resistant, synthetic rubber (Neoprene).

Temperature Range : -40°C to +121°C. For water emulsions, etc., see page 24.

SPECIFICATIONS

Description	Hose I.D.		Hose O.D.		Working Pressure		Minimum Burst Pressure		Minimum Bend Radius
	in.	mm	in.	mm	psi	bar	psi	bar	in.
6C12	3/8	9.5	0.80	20.3	4,000	276	16,000	1,104	2.5
8C12	1/2	12.7	0.94	23.9	4,000	276	16,000	1,104	3.5
12C12	3/4	19.0	1.21	30.7	4,000	276	16,000	1,104	4.8
16C12	1	25.4	1.50	38.1	4,000	276	16,000	1,104	6.0
20C12	1¼	31.8	1.85	47.0	3,000	207	12,000	828	8.3
24C12	1½	38.1	2.11	53.6	2,500	172	10,000	690	20.0
32C12	2	50.8	2.63	66.8	2,500	172	10,000	690	25.0

Also available with abrasion resistant MegaTuff® cover.

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.