



DRIVEN BY POSSIBILITY™

MEGASYS™ M2T™

EXTENDING THE RANGE OF GATES COMPACT SOLUTIONS

MegaSys™ M2T™ provides a compact solution beyond the current portfolio of Gates compact premium product. This hose features elevated working pressures exceeding EN 857 2SC requirements together with industry leading performance on minimum bend radii for faster routing and installation in tight areas. Add superior flex impulse lifetime to this impressive list of characteristics and you have a hose, available up to 2", which is a complete and premium replacement over the Gates G2 hose construction, as well as other 2SC market solutions out there.

FEATURES + BENEFITS

- Premium working pressure.
- Reduced bend radii up to 50% of EN 857 2SC bend radius at rated working pressure.
- Superior flex impulse performance : tested to 600,000 impulse cycles.
- Compatible with MegaCrimp™ (-04 to -20) and GlobalSpiral Plus (-24 & -32) couplings.
- Available with abrasion-resistant MegaTuff™ and XtraTuff™ cover (300x and 25x versus standard cover).
- Compatible with biodegradable hydraulic fluids as well as petroleum-based fluids.



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M2T PRODUCT SPECIFICATIONS

	Exceeds ISO 11237 R16 and SAE 100R16 performance. Fully dimensionally compliant.
STANDARD	Exceeds ISO 1436 2SN R2, EN 853 2SN and SAE 100R2 performance. Exceeds EN 857 2SC performance.
TYPE APPROVALS	DNV-GL, ABS.
CONSTRUCTION	Black, oil resistant, synthetic rubber tube (Nitrile-based). Two layers of braided, high-tensile steel wire reinforcements.
COVER	Black, synthetic rubber. Meets MSHA flame resistance.
TEMPERATURE RANGE	-40° C to +100° C.

The M2T hose is ideal for high-pressure hydraulic applications on mobile equipment used in agriculture, construction, mining and other industries as well as in stationary equipment in industrial and MRO operations.

INDUSTRIES

- Construction
- Mining
- Agriculture
- Stationary

APPLICATIONS

- High-pressure hydraulic oil lines
- Control lines
- Auxiliary lines
- General System lines
- Return lines
- Suction lines
- Attachment lines

REF.											COUPLING
	DN	"	mm	"	PSI	MPa	PSI	MPa			
4M2T	6	1/4	14.0	0.55	6000	42.0	24000	168.0	40	31	G
5M2T	8	5/16	15.2	0.60	5500	38.0	22000	152.0	45	36	G
6M2T	10	3/8	17.5	0.69	5000	35.0	20000	140.0	50	45	G
8M2T	12	1/2	20.8	0.82	4300	29.6	17200	118.4	70	55	G
10M2T	16	5/8	24.1	0.95	3800	26.2	15200	104.8	75	67	G
12M2T	19	3/4	27.9	1.10	3500	24.1	14000	96.4	95	80	G
16M2T	25	1	35.1	1.38	2500	17.2	10000	68.8	115	118	G
20M2T	31	1.1/4	42.3	1.67	2300	15.9	9200	63.6	210	225	G
24M2T	38	1.1/2	50.8	2.00	2000	14.0	8000	56.0	250	263	GSP
32M2T	51	2	64.3	2.53	1500	10.3	6000	41.2	315	335	GSP