

HYDRAULIC HOSE
TO EN / SAE STANDARD

THE WORLD OF HOSE

M2T® MegaFlex®



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0,55	14,0	6000	42,0	24000	168,0	40	31	4M2T
-5	8	5/16	0,60	15,2	5500	38,0	22000	152,0	45	36	5M2T
-6	10	3/8	0,69	17,5	5000	35,0	20000	140,0	50	45	6M2T
-8	12	1/2	0,82	20,8	4300	29,6	17200	118,4	70	55	8M2T
-10	16	5/8	0,95	24,1	3800	26,2	15200	104,8	75	67	10M2T
-12	19	3/4	1,10	27,9	3500	24,1	14000	96,4	95	80	12M2T
-16	25	1	1,38	35,1	2500	17,2	10000	68,8	115	141	16M2T
-20	31	1.1/4	1,67	42,3	2300	15,9	9200	63,6	210	225	20M2T
-24	38	1.1/2	2,00	50,8	2000	14,0	8000	56,0	250	263	24M2T
-32	51	2	2,53	64,3	1500	10,3	6000	41,2	315	335	32M2T

RECOMMENDED FOR

High pressure hydraulic applications on mobile and stationary equipment. Easy to route and install in tight areas.

TUBE

NBR (Nitrile) based.

REINFORCEMENT

Two braids of high tensile steel wire

COVER

NBR (Nitrile) based. Oil, abrasion and weather resistant. Black. MSHA approved.

TEMPERATURE RANGE

-40°C to +100°C.
For water emulsions, etc. see Temperature Limits Table.

STANDARDS

Exceeds ISO 11237 R16 and SAE 100R16.
Exceeds ISO 1436 2SN R2 and SAE 100R2 performance.
Exceeds EN 857 2SC and EN 853 2SN performance.

COUPLINGS

-4 to -20: MegaCrimp®; -24, -32: GlobalSpiral Plus.

TYPE APPROVALS

DNV-GL, ABS, BV and LR.

CHARACTERISTICS/BENEFITS

Superior flex impulse performance : tested to 600,000 impulse cycles at 50% of EN 857 2SC bend radii.

Tighter bend radius reducing hose assembly length to save money.

Lightweight.

M2T® hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

OPTIONAL



M2T-MTF: Sizes -4 thru -16 are also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard M2T cover as per ISO 6945, superior ozone and weathering resistance.



M2T-XTF : the complete range of M2T® MegaFlex® is also available with the Gates special XtraTuff™ cover which offers 25 times the abrasion resistance of the standard M2T cover as per ISO 6945.

IMPORTANT



Please consult Gates' Product Application Engineers for use of MegaTuff™ hose in reverse bending applications or for constant bending at minimum bend radius.