

# 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	0,54	13,7	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 performance.  
Exceeds ISO 1436 2SN R2 and SAE 100R2 performance.  
Exceeds EN 857 2SC and EN 853 2SN performance.

### COUPLINGS

MegaCrimp®.

### 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-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.