

HYDRAULIC HOSES





Section	Page	Section	Page
Wire Braid	4-10	Fabric Braid	16-18
CR1	4	GTH - High Temp	16
G1	4	LOL Plus Lock-On Hose	16
G1H - High Temp	4	C5C-XH Xtreme® Heat Hose	16
CR2	5	TH7 Hydraulic Hose	17
G2	5	TH7DL Dual Line Hydraulic	17
G2XH 2 - Wire Braid Xtreme®	5	TH7NC Non Conductive	17
J2AT - Jacking Hose	6	TH7NCDL Non Conductive Dual Line	18
M3K	6	TH8 Hydraulic Hose	18
M3K - MegaTuff®	6	TH8NC Non Conductive	18
M4K	7		
M4K - MegaTuff®	7		
M5K	7		
M5K - MegaTuff®	8		
M2T - MegaTuff®	8		
MXG™ 4K Hydraulic Hose	8		
MXT™ Hydraulic Hose	9		
MXT XTP™ Hydraulic Hose	9		
Clean Master Pressure Washer Hose	10		
Multi Spiral	12-14		
EFG3K	12		
EFG3K - MegaTuff®	12		
EFG4K	12		
EFG4K - MegaTuff®	13		
EFG5K	13		
EFG5K - MegaTuff®	13		
EFG6K	14		
EFG6K - MegaTuff®	14		
EFG8K	14		



WIRE BRAID

CR1



Applications

Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1, ISO 1436 1SNR1 and EN 853 1SN.

Features

- MSHA
- Available with Gates 1 or 2 Piece Fittings

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4CR1	1/4	6	13.2		226	3,275	903	13,100	102
6CR1	3/8	10	16.8		179	2,600	717	10,400	127
8CR1	1/2	12	19.8		160	2,325	641	9,300	178
10CR1	5/8	16	23.1		131	1,900	524	7,600	203
12CR1	3/4	19	27.2		105	1,525	420	6,100	241
16CR1	1	25	35.1		86	1,250	345	5,000	300

G1



Applications

Medium pressure hydraulics with low flexure/non-severe applications requiring the SAE 100R1 or EN853 1SN specification for dimensions and performance.

Features

- MDG41 and FRAS Compliant
- Available with Field Attachable Fittings

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
3G1	3/16	5	11.9		250	3,625	1000	14,500	76
4G1	1/4	6	13.5		225	3,275	900	13,100	102
6G1	3/8	10	17.3		180	2,600	720	10,400	127
8G1	1/2	12	20.3		160	2,325	640	9,300	178
10G1	5/8	16	23.6		130	1,900	520	7,600	203
12G1	3/4	19	27.7		105	1,525	420	6,100	229
16G1	1	25	35.6		90	1,300	358	5,200	305
20G1	1 1/4	31	43.4		63	925	252	3,700	406
24G1	1 1/2	38	49.8		50	725	200	2,900	508
32G1	2	51	63.8		41	600	186	2,700	635

G1H - High Temp



Applications

High temperature medium pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R1 Type AT.

Features

- High Temperature Rating

Temperature Range

-40°C to +135°C constant and +149°C intermittent (up to 10% of operating time).

#									
	inch	DN	mm		bar	psi	bar	psi	
4G1H	1/4	6	13.5		190	2,750	758	11,000	102
6G1H	3/8	10	17.5		155	2,250	620	9,000	127
8G1H	1/2	12	20.3		138	2,000	552	8,000	178
10G1H	5/8	16	23.9		103	1,500	414	6,000	203
12G1H	3/4	19	27.9		86	1,250	345	5,000	229
16G1H	1	25	35.8		68	1,000	276	4,000	305
20G1H	1 1/4	31	43.4		63	925	255	3,700	406
24G1H	1 1/2	38	49.8		50	725	200	2,900	508
32G1H	2	51	63.8		41	600	165	2,400	635

CR2



Applications

High pressure hydraulics with low flexure/non-severe applications requiring the SAE 100R2 or EN853 2SN specification for dimensions and performance.

Features

- MSHA
- Available with Gates 1 or 2 Piece Fittings

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4CR2	1/4	6	14.5		400	5,800	1600	23,200	102
6CR2	3/8	10	17.2		331	4,800	1324	19,200	127
8CR2	1/2	12	20.2		276	4,000	1103	16,000	178
10CR2	5/8	16	24.0		250	3,625	1000	14,500	203
12CR2	3/4	19	27.4		215	3,125	862	12,500	214
16CR2	1	25	35.0		165	2,400	662	9,600	305

G2



Applications

High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN.

Features

- MDG41 and FRAS Compliant
- Available with Field Attachable Fittings

Temperature Range

-40°C to +100°C : limited to +70°C for water based fluids.

#									
	inch	DN	mm		bar	psi	bar	psi	
4G2	1/4	6	15.0		400	5,800	1599	23,200	102
6G2	3/8	10	18.8		331	4,800	1324	19,200	127
8G2	1/2	12	21.8		276	4,000	1103	16,000	178
10G2	5/8	16	25.2		250	3,625	1000	14,500	203
12G2	3/4	19	29.2		214	3,100	855	12,400	214
16G2	1	25	37.6		165	2,400	662	9,600	305
20G2	1 1/4	31	47.2		126	1,825	503	7,300	419
24G2	1 1/2	38	53.6		90	1,300	358	5,200	508
32G2	2	51	66.5		81	1,175	324	4,700	635

G2XH 2 - Wire Braid Xtreme®



Applications

Extremely High temperature high-pressure hydraulic applications where pressure or temperature requirements exceed SAE100R2, ISO1436 2SN R2 and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required. Meets SAE J1942 requirements.

Features

- Each hose features a constant working pressure.
- Black, oil resistant synthetic rubber (CPE)
- Tested to industry leading 1,000,000 impulse cycles.

Temperature Range

-40°C to +149°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4G2XH	1/4	6	15.0		413	6,000	1654	24,000	102
6G2XH	3/8	10	18.8		344	5,000	1378	20,000	127
8G2XH	1/2	12	21.8		293	4,250	1172	17,000	178
10G2XH	5/8	16	25.2		249	3,625	999	14,500	203
12G2XH	3/4	19	29.2		213	3,100	854	12,400	214
16G2XH	1	25	37.6		172	2,500	689	10,000	305
20G2X	1 1/4	31	47.2		155	2,250	620	9,000	419
24G2X	1 1/2	38	53.6		124	1,800	496	7,200	508
32G2X	2	51	66.5		103	1,500	413	6,000	635

WIRE BRAID

J2AT - Jacking Hose



Applications

Used in hydraulic jacking systems which operate at 10,000 psi (690 bar).

Features

- For use in harsh environments where thermoplastic hoses aren't suited

Temperature Range

-40°C to +49°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4J2AT	1/4	6	15.0		689	10,000	1379	20,000	102
6J2AT	3/8	10	18.8		689	10,000	1379	20,000	127

M3K



Applications

High-pressure hydraulic oil lines. Exceeds ISO 18752 Grade B, SAE 100R17 and ISO11237 R17 working pressure. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Features

- Isobaric hose, 3,250 psi working pressure
- Very flexible hose when compared to 1 and 2 wire product.

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4M3K	1/4	6	12.2		224	3,250	896	13,000	13.1
6M3K	3/8	10	16		224	3,250	896	13,000	50.8
8M3K	1/2	12	20.3		224	3,250	896	13,000	71.1

M3K - Megatuff®



Applications

High-pressure hydraulic oil lines. Exceeds ISO 18752 Grade B, SAE 100R17 and ISO11237 R17 working pressure. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Features

- Isobaric hose, 3,250 psi working pressure.
- Extra abrasion resistance

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4M3K-MTF	1/4	6	12.2		224	3,250	896	13,000	38.1
6M3K-MTF	3/8	10	16		224	3,250	896	13,000	50.8
8M3K-MTF	1/2	12	20.3		224	3,250	896	13,000	71.1
10M3K-MTF	5/8	8	25.1		224	3,250	896	13,000	76.2
12M3K-MTF	3/4	19	29.2		224	3,250	896	13,000	96.5

M4K



Applications

Exceeds ISO18752 Grade B, SAE 100R19 and ISO11237 R19. Allows for tighter minimum bend radius, increased working pressure and improved impulse cycles than industry standards.

Features

- Isobaric hose, 4,000 psi working pressure

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4M4K	1/4	6	14.0		276	4,000	1103	16,000	38
6M4K	3/8	10	17.8		276	4,000	1103	16,000	51
8M4K	1/2	12	20.8		276	4,000	1103	16,000	71
10M4K	5/8	16	25.2		276	4,000	1103	16,000	76
12M4K	3/4	19	29.7		276	4,000	1103	16,000	97
16M4K	1	25	38.6		276	4,000	1103	16,000	114

M4K - MegaTuff®



Applications

Exceeds ISO18752 Grade B, SAE 100R19 and ISO11237 R19. Allows for tighter minimum bend radius, increased working pressure and improved impulse cycles than industry standards.

Features

- Isobaric hose, 4,000 psi working pressure
- Extra abrasion resistance

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4M4K-MTF	1/4	6	14.0		276	4,000	1103	16,000	38
6M4K-MTF	3/8	10	17.8		276	4,000	1103	16,000	51
8M4K-MTF	1/2	12	20.8		276	4,000	1103	16,000	71
10M4K-MTF	5/8	16	25.2		276	4,000	1103	16,000	76
12M4K-MTF	3/4	19	29.7		276	4,000	1103	16,000	97
16M4K-MTF	1	25	38.6		276	4,000	1103	16,000	114

M5K



Applications

High-pressure hydraulic applications exceeds ISO18752 Grade B. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Features

- Isobaric Hose, 5,000 psi working pressure
- High flexibility and low weight when compared to spiral hoses

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4M5K	1/4	6	14.0		345	5,000	1379	20,000	50
6M5K	3/8	10	17.8		345	5,000	1379	20,000	64
8M5K	1/2	12	21.8		345	5,000	1379	20,000	89

WIRE BRAID

M5K - MegaTuff®



Applications

High-pressure hydraulic applications exceeds ISO18752 Grade B. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Features

- Isobaric Hose, 5,000 psi working pressure
- High flexibility and low weight when compared to spiral hoses

Temperature Range

-40°C to +100°C.

#								
	inch	DN	mm	bar	psi	bar	psi	
4M5K-MTF	1/4	6	14.0	345	5,000	1379	20,000	51
6M5K-MTF	3/8	10	17.8	345	5,000	1379	20,000	63
8M5K-MTF	1/2	12	21.8	345	5,000	1379	20,000	89

M2T - MegaTuff®



Applications

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945 Exceeds SAE 100R16, SAE 100R2, ISO11237 2SC R16 and ISO 1436. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Features

- Compact design braided hose
- Extra Abrasion Resistant

Temperature Range

-40°C to +100°C.

#								
	inch	DN	mm	bar	psi	bar	psi	
4M2T-MTF	1/4	6	14.2	414	6,000	1655	24,000	38
6M2T-MTF	3/8	10	17.8	345	5,000	1379	20,000	51
8M2T-MTF	1/2	12	20.8	296	4,300	1186	17,200	71
10M2T-MTF	5/8	16	24.1	262	3,800	1048	15,200	76
12M2T-MTF	3/4	19	28.2	241	3,500	965	14,000	97
16M2T-MTF	1	25	35.3	172	2,500	689	10,000	114

MXG™ 4K Hydraulic Hose



Applications

MXG™ 4K is an innovative addition to Gates premium, MegaSys™ Hydraulics portfolio that leverages our materials science and process technologies to deliver a lighter weight, flexible and more compact solution without compromising performance.

Features

- 1,000,000 cycle impulse life exceeds industry standards (2X spiral and 5X wire braid standards)
- Compact construction with excellent flexibility and lower force-to-bend for faster and more ergonomic installation (Force to Bend is 40% better and OD is 8% smaller)
- 30% lighter weight for easier handling and installation
- Gates new XtraTuff™ Plus cover comes standard on MXG, providing abrasion and ozone resistance

Temperature Range

-40°C to +121°C.

#								
	inch	DN	mm	bar	psi	bar	psi	
6MXG	3/8	10	17.7	280	4,060	1120	16,240	65
8MXG	1/2	12	20.7	280	4,060	1120	16,240	90
10MXG	5/8	16	25.2	280	4,060	1120	16,240	100
12MXG	3/4	19	28.9	280	4,060	1120	16,240	120
16MXG	1	25	38.0	280	4,060	1120	16,240	150

MXT™ Hydraulic Hose



Applications

MXT™ is an innovative addition to Gates premium, MegaSys™ Hydraulics portfolio that leverages our materials science and process technologies to deliver a lighter weight, flexible and more compact solution without compromising performance.

Features

- Patent-pending in the U.S.
- More flexible with up to 40% lower force-to-bend for faster and more ergonomic installation
- Up to 30% lighter weight for easier handling
- Tested to 3X impulse criteria (600,000 cycles)

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4MXT	1/4	6	14.0		414	6000	1655	24,000	38.1
5MXT	5/16	8	15.2		380	5510	1517	22,000	44.5
6MXT	3/8	10	17.1		331	4800	1324	19,200	64.0
8MXT	1/2	12	20.2		276	4000	1103	16,000	70.0
10MXT	5/8	16	24.0		250	3620	1000	14,500	76.0
12MXT	3/4	19	27.4		215	3120	862	12,500	121.0
16MXT	1	25	35.1		165	2390	662	9,600	152.0

MXT XTP™ Hydraulic Hose



Applications

MXT is an innovative addition to Gates premium, MegaSys™ Hydraulics portfolio that leverages our materials science and process technologies to deliver a lighter weight, flexible and more compact solution without compromising performance.

Features

- Patent-pending in the U.S.
- Gates XtraTuff Plus cover now available on MXT, providing increased abrasion and ozone resistance
- More flexible with up to 40% lower force-to-bend for faster and more ergonomic installation
- Up to 30% lighter weight for easier handling
- Tested to 3X impulse criteria (600,000 cycles)

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4MXT-XTP	1/4	6	14.0		414	6,000	1655	24,000	38.1
5MXT-XTP	5/16	8	15.2		380	5,500	1517	22,000	44.5
6MXT-XTP	3/8	10	17.1		331	4,800	1324	19,200	64.0
8MXT-XTP	1/2	12	20.2		276	4,000	1103	16,000	70.0
10MXT-XTP	5/8	16	24.0		250	3,625	1000	14,500	100.0
12MXT-XTP	3/4	19	27.4		215	3,125	862	12,500	121.0
16MXT-XTP	1	25	35.1		165	2,400	662	9,600	152.0



WIRE BRAID

Clean Master Pressure Washer Hose



Applications

Pressure washer hose that exceeds EN1829 standard.
Available in non-marking blue with abrasion resistant cover.

Features

- Supplied on reels in long lengths
- Cover is ozone and MSHA Flame Resistant

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
4CM4K	1/4	6	13.5		280	4,000	700	10,000	51
6CM3K	3/8	10	17.3		210	3,000	525	7,500	64
6CM6K	3/8	10	18.7		420	6,000	1,050	15,000	64





MULTI SPIRAL

EFG3K



Applications

High-pressure, high-impulse applications. Exceeds all requirements for ISO 18752 Grade D, SAE 100R12, EN 856R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.

Features

- Isobaric Hose, 3,000 psi working pressure

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
20EFG3K	1 1/4	31	1.85		207	3,000	827	12,000	8.2
24EFG3K	1 1/2	38	2.11		207	3,000	827	12,000	10.0
32EFG3K	2	51	2.63		207	3,000	827	12,000	12.5

EFG3K - MegaTuff®



Applications

High-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Features

- Isobaric Hose, 3,000 psi working pressure
- Extra abrasion resistance

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
20EFG3K-MTF	1 1/4	31	2.11		207	3,000	827	12,000	8.2
24EFG3K-MTF	1 1/2	38	2.11		207	3,000	827	12,000	10.0
32EFG3K-MTF	2	51	2.63		207	3,000	827	12,000	25.0

EFG4K



Applications

High-pressure, high-impulse applications. Exceeds all requirements of ISO 18752 Grade D, SAE 100R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.

Features

- Each hose features a constant working pressure
- Isobaric hose, 4,000 psi working pressure
- Tested to industry-leading 1,000,000 impulse cycles

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
6EFG4K	3/8	10	20.3		280	4,000	1103	16,000	64
8EFG4K	1/2	12	23.9		280	4,000	1103	16,000	89
10EFG4K	5/8	16	27.7		280	4,000	1103	16,000	102
12EFG4K	3/4	19	30.7		280	4,000	1103	16,000	119
16EFG4K	1	25	38.1		280	4,000	1103	16,000	152
20EFG4K	1 1/4	31	47.0		280	4,000	1103	16,000	208
48EFG4K	3	75	98.0		280	4,000	1103	16,000	889

EFG4K - MegaTuff®



Applications

High-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.

Features

- Isobaric hose, 4,000 psi working pressure
- Extra abrasion resistance

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
6EFG4K-MTF	3/8	10	20.3		280	4,000	1103	16,000	64
8EFG4K-MTF	1/2	12	23.9		280	4,000	1103	16,000	89
10EFG4K-MTF	5/8	16	27.7		280	4,000	1103	16,000	102
12EFG4K-MTF	3/4	19	30.7		280	4,000	1103	16,000	119
16EFG4K-MTF	1	25	38.1		280	4,000	1103	16,000	152
20EFG4K-MTF	1 1/4	31	47.0		280	4,000	1103	16,000	208

EFG5K



Applications

High pressure high-impulse applications. Exceeds all requirements of ISO 18752 Grade D and SAE 100R13. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum based fluids.

Features

- Each hose features a constant working pressure
- Isobaric hose, 5,000 psi working pressure
- Tested to industry-leading 1,000,000 impulse cycles

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
6EFG5K	3/8	10	20.3		350	5,000	1378	20,000	64
8EFG5K	1/2	12	24.1		350	5,000	1378	20,000	89
10EFG5K	5/8	16	27.7		350	5,000	1378	20,000	102
12EFG5K	3/4	19	31.5		350	5,000	1378	20,000	119
16EFG5K	1	25	38.9		350	5,000	1378	20,000	152
20EFG5K	1 1/4	31	50.0		350	5,000	1378	20,000	208
24EFG5K	1 1/2	38	57.4		350	5,000	1378	20,000	254
32EFG5K	2	51	71.1		350	5,000	1378	20,000	635
40EFG5K	2 1/2	64	85.1		350	5,000	1378	20,000	762

EFG5K - MegaTuff®



Applications

High-pressure hydraulic applications. EFG5K is designed to meet or exceed all requirements of SAE 100R13 specifications. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.

Features

- Isobaric hose, 5,000 psi working pressure
- Extra abrasion resistance

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
6EFG5K-MTF	3/8	10	20.3		350	5,000	1379	20,000	64
8EFG5K-MTF	1/2	12	24.1		350	5,000	1379	20,000	89
10EFG5K-MTF	5/8	16	27.7		350	5,000	1379	20,000	102
12EFG5K-MTF	3/4	19	31.5		350	5,000	1379	20,000	119
16EFG5K-MTF	1	25	38.9		350	5,000	1379	20,000	152
20EFG5K-MTF	1 1/4	31	50.0		350	5,000	1379	20,000	208
24EFG5K-MTF	1 1/2	38	57.4		350	5,000	1379	20,000	254
32EFG5K-MTF	2	51	71.1		350	5,000	1379	20,000	635

MULTI SPIRAL

EFG6K



Applications

EFG6K is designed to meet or exceed all requirements of SAE 100R15 specifications.

Features

- Extremely flexible
- Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of SAE 100R15 bend radii

Temperature Range

-40°C to +121°C.

#								
	inch	DN	mm	bar	psi	bar	psi	
6EFG6K	3/8	6	20.3	414	6,000	1655	24,000	64
8EFG6K	1/2	8	24.1	414	6,000	1655	24,000	89
10EFG6K	5/8	10	27.7	414	6,000	1655	24,000	102
12EFG6K	3/4	19	31.5	414	6,000	1655	24,000	119
16EFG6K	1	25	38.9	414	6,000	1655	24,000	152
20EFG6K	1 1/4	31	50.0	414	6,000	1655	24,000	208
20EFG6K	1 1/4	38	57.4	414	6,000	1655	24,000	254
24EFG6K	1 1/2	51	71.1	414	6,000	1655	24,000	635
32EFG6K	2	51	51	414	6,000	1655	24,000	635

EFG6K - MegaTuff®



Applications

Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet or exceed all requirements of SAE 100R15 specifications. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.

Features

- Isobaric hose, 6,000 psi working pressure
- Extra abrasion resistance

Temperature Range

-40°C to +121°C.

#								
	inch	DN	mm	bar	psi	bar	psi	
6EFG6K-MTF	3/8	6	20.3	414	6,000	1655	24,000	64
8EFG6K-MTF	1/2	8	24.1	414	6,000	1655	24,000	89
10EFG6K-MTF	5/8	10	27.7	414	6,000	1655	24,000	102
12EFG6K-MTF	3/4	19	31.5	414	6,000	1655	24,000	119
16EFG6K-MTF	1	25	38.9	414	6,000	1655	24,000	152
20EFG6K-MTF	1 1/4	31	50.0	414	6,000	1655	24,000	208
24EFG6K-MTF	1 1/2	36	57.4	414	6,000	1655	24,000	254
32EFG6K-MTF	2	51	71.1	414	6,000	1655	24,000	635

EFG8K



Applications

Ultra high-pressure, high-impulse applications such as hydrostatic transmissions, for use in the construction, agriculture, forestry, underground or open pit mining, or other industries on applications where extremely high pressure capability is required. G8K hose and couplings offer industry-leading bend radius capability, which leads to ease of routing and installation, longer hose life in flexing applications, and fewer bent tube fitting requirements.

Features

- Ultra-High Pressure Hose

Temperature Range

-40°C to +121°C.

#									
	inch	DN	mm	bar	psi	bar	psi		
12G8K	3/4	19	34.5	552	8,000	2206	32,000	241	
16G8K	1	25	42.2	552	8,000	2206	32,000	305	



Flame Resistant MSHA 2G-11C

GATES MEGASys™ 8MXT™

1/2" 4000 psi

32.0 MPa 320 Bar 12.8 mm ISO 11337 25C R18 SAE 100R18 Meets Performance of EN 857 25C & SAE 100R2/100R10

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Flame Resistant MSHA 2G-11C

GATES MEGASys™ 8MXT™

FABRIC BRAID

GTH - High Temp



Applications

Hydraulic oil lines, heavy-duty transmission oil cooler lines and glycol anti-freeze solutions. Meets or exceeds requirements of SAE 100R6.

Features

- R6 Hose

Temperature Range

-40°C to +135°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
3GTH	3/16	5	11.2		34	500	137	2,000	50.8
4GTH	1/4	6	12.7		28	400	110	1,600	63.5
5GTH	5/16	8	14.2		28	400	110	1,600	76.2
8GTH	1/2	12	19.8		28	400	110	1,600	101.6
10GTH	5/8	16	23.1		24	350	96	1,400	127.0
12GTH	3/4	19	26.8		20	300	82	1,200	139.7
16GTH	1	25	28.7		17	250	69	1,000	203.2

LOL Plus Lock-On Hose



Applications

Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils, and air. Lock-On hose and couplings are NOT recommended for pressure surge applications or critical applications. Do not use for gasoline or diesel fuels, unless approved by Gates H/C Product Application.

Features

- Lock-On Hose

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
3LOLA	3/16	5	10.4		21	300	83	1,200	76.2
4LOLA	1/4	6	11.9		21	300	83	1,200	76.2
5LOLA	5/16	8	14.0		21	300	83	1,200	76.2
6LOLA	3/8	10	16.0		21	300	83	1,200	76.2
8LOLA	1/2	12	19.6		21	300	83	1,200	127.0
10LOLA	5/8	16	23.9		21	300	83	1,200	152.4
12LOLA	3/4	19	26.9		21	300	83	1,200	177.8

C5C-XH Xtreme® Heat Hose



Applications

Extremely high temperature petroleum based or phosphate ester fluids, turbo charger oil supply and hot lube oil lines. Meets the requirements of SAE J1405 performance specifications for high temperature transmission and lubrication oil systems.

Temperature Range

-40°C to +150°C.

#									
	inch	DN	mm		bar	psi	bar	psi	
5C5CXH	1/4	6	14.7		207	3,000	827	12,000	86
6C5CXH	5/16	8	17.0		155	2,250	620	9,000	101
8C5CXH	13/32	10	19.6		138	2,000	551	8,000	116
10C5CXH	1/2	12	23.4		120	1,750	482	7,000	139
12C5CXH	5/8	16	27.4		103	1,500	413	6,000	165
16C5CXH	7/8	22	31.2		55	800	221	3,200	187
20C5CXH	1 1/8	28	38.1		43	625	172	2,500	229

TH7 Hydraulic Hose



Applications

Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines. TH7 hose meets or exceeds performance requirements of SAE 100R7.

Features

- R7 Hose

Temperature Range

-54°C to +93°C.

#							
	inch	mm	bar	psi	bar	psi	mm
2TH7	1/8	8.1	207	3,000	827	12,000	13
3TH7	3/16	10.4	207	3,000	827	12,000	20
4TH7	1/4	12.7	190	2,750	758	11,000	38
5TH7	5/16	14.2	172	2,500	689	10,000	57
6TH7	3/8	16.3	155	2,250	621	9,000	70
8TH7	1/2	20.3	137	2,000	552	8,000	95
12TH7	3/4	26.7	86	1,250	345	5,000	127
16TH7	1	33.6	69	1,000	276	4,000	254

TH7DL Dual Line Hydraulic



Applications

Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines. TH7DL hose meets or exceeds performance requirements of SAE 100R7.

Features

- R7 Twin Hose

Temperature Range

-54°C to +93°C.

#							
	inch	mm	bar	psi	bar	psi	mm
4TH7DL	1/4	12.7	190	2,750	758	11,000	38
5TH7DL	5/16	14.2	172	2,500	689	10,000	57
6TH7DL	3/8	16.2	155	2,250	621	9,000	70
8TH7DL	1/2	20.3	138	2,000	552	8,000	95

TH7NC Non Conductive



Applications

Petroleum and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blow out preventer control lines, hydraulic lifts and farm and construction machinery. Orange colour TH7NC meets SAE 100R7 non-conductivity requirements. Meets ANSI A92.2 for vehicle mounted aerial devices (-4 to -8).

Features

- R7 Non-Conductive Hose

Temperature Range

-54°C to +93°C.

#							
	inch	mm	bar	psi	bar	psi	mm
2TH7NC	1/8	8.1	207	3,000	827	12,000	13
3TH7NC	3/16	10.4	207	3,000	827	12,000	20
4TH7NC	1/4	12.7	190	2,750	758	11,000	38
5TH7NC	5/16	14.2	172	2,500	689	10,000	57
6TH7NC	3/8	16.3	155	2,250	620	9,000	70
8TH7NC	1/2	20.3	138	2,000	552	8,000	95
12TH7NC	3/4	26.7	86	1,250	345	5,000	127
16TH7NC	1	33.6	69	1,000	276	4,000	254

FABRIC BRAID

TH7NCDL Non Conductive Dual Line



Applications

Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blow out preventer control lines, hydraulic lifts and farm and construction machinery. Orange colour TH7NCDL meets SAE100R7 non-conductivity requirements. Meets ANSI A92.2 for vehicle mounted aerial devices (-3 and -8).

Features

- R7 Non-Conductive Twin Hose

Temperature Range

-54°C to +93°C.

#							
	inch	mm	bar	psi	bar	psi	mm
4TH7NCDL	1/4	12.7	190	2,750	758	11,000	38
6TH7NCDL	3/8	16.3	155	2,250	621	9,000	70
8TH7NCDL	1/2	20.3	138	2,000	552	8,000	95

TH8 Hydraulic Hose



Applications

Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blow out preventer control lines, hydraulic lifts and farm and construction machinery.

Features

- R8 Hose

Temperature Range

-54°C to +93°C.

#							
	inch	mm	bar	psi	bar	psi	mm
3TH8	3/16	12.7	345	5,000	1379	20,000	38
4TH8	1/4	15.5	345	5,000	1379	20,000	51
6TH8	3/8	19.0	276	4,000	1103	16,000	64
8TH8	1/2	22.1	241	3,500	965	14,000	102
12TH8	3/4	28.7	172	2,250	620	9,000	165
16TH8	1	36.8	138	2,000	552	8,000	254

TH8NC Non Conductive



Applications

Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blow out preventer control lines, hydraulic lifts and farm and construction machinery. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements.

Features

- R8 Non-Conductive Hose

Temperature Range

-54°C to +93°C.

#							
	inch	mm	bar	psi	bar	psi	mm
4TH8NC	1/4	15.5	345	5,000	1379	20,000	51
6TH8NC	3/8	19.0	276	4,000	1103	16,000	64
8TH8NC	1/2	22.1	241	3,500	965	14,000	102



FLUID TRANSFER TECHNOLOGY

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