



COMPLETE SPIRAL SOLUTIONS Gates Hose & Couplings

Reliability
Durability
Flexibility



Gates India Private Limited

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Sales & Service

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Gates Spiral Hose

Reliability
Durability
Flexibility

Flexibility - Half Bend Radius

Durability - One million Impulse Cycle

Interface - Gates Hose, Gates Coupling Crimped to Gates Specs

Source - Insist on Authorized Assembler Certificate



Gates Exclusive!
The no-skive coupling...
one stem is all you need

- No Skive
Fast tailor-made assemblies. Eliminates skiving equipment, odour and dust
- 1 million impulse cycles
Extended coupling life
- Coupling to 6,000 WP psi
Easy-to-manage inventory. Reduced inventory
- Wide Range of configurations
Application coverage across a range of threads and Flanges
- Long life plating
5X plus corrosion resistance than SAE ASTM B 117 specifications

- "Bite the wire" crimp
Improves coupling retention
- Premium non leaded steel
Maximum strength
- +121°C temperature capability
Full performance at high temperatures.
Longer coupling life
- Machined full back FJX and FFORX nuts
4:1 burst performance up to 24,000 psi improves torque/sealing capability
- Meets world wide DIN, EN, SAE, ISO and Gates standards
World class performance
- One stem used for all spiral hoses
Less inventory, easy to use.

GlobalSpiral™ GS

EFG6K SAE 100R15

Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse applications. such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, 8, -10, -12) and EN 856 4SH (-12, -16, -20). Compatible with biodegradable hydraulic fluids like polyolester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black oil resistant, synthetic rubber (Neoprene - type A).
Reinforcement : Four (Six for -20) alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 EFG6K	3/8	9.50	0.80	20.20	6000	414	24000	1655	2.50	64
8 EFG6K	1/2	12.70	0.94	24.00	6000	414	24000	1655	3.50	89
10 EFG6K	5/8	15.90	1.09	27.60	6000	414	24000	1655	4.00	102
12 EFG6K	3/4	19.10	1.24	31.40	6000	414	24000	1655	4.75	121
16 EFG6K	1	25.40	1.52	38.70	6000	414	24000	1655	6.00	152
20 EFG6K	1 1/4	31.80	1.97	50.00	6000	414	24000	1655	8.25	210

EFG6K MTF

Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse applications. such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, 8, -10, -12) and EN 856 4SH (-12, -16, -20). compatible with biodegradable hydraulic fluids like polyester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black oil resistant, synthetic rubber Neoprene - type A).
Reinforcement : Four (Six for -20) alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 EFG6K MTF	3/8	9.50	0.80	20.20	6000	414	24000	1655	5.00	127
8 EFG6K MTF	1/2	12.70	0.94	24.00	6000	414	24000	1655	7.00	178
10 EFG6K MTF	5/8	15.90	1.09	27.60	6000	414	24000	1655	8.00	203
12 EFG6K MTF	3/4	19.10	1.24	31.40	6000	414	24000	1655	9.50	241
16 EFG6K MTF	1	25.40	1.52	38.70	6000	414	24000	1655	12.00	305
20 EFG6K MTF	1 1/4	31.80	1.97	50.00	6000	414	24000	1655	16.50	419

Megatuff cover lasts more than 300 times longer than standard hose during hose to hose and hose to metal abrasion test as per ISO 6945

EFG5K SAE 100R13

Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-24 & -32) and EN 856 R13. Compatible with biodegradable hydraulic fluids like polyolester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black, oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black, oil resistant, synthetic rubber Neoprene - type A).
Reinforcement : Four (Six for - 20) alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 EFG5K	3/8	9.50	0.80	20.20	5000	345	20000	1380	2.50	64
8 EFG5K	1/2	12.70	0.94	24.00	5000	345	20000	1380	3.50	89
10 EFG5K	5/8	15.90	1.09	27.60	5000	345	20000	1380	4.00	102
12 EFG5K	3/4	19.10	1.24	31.40	5000	345	20000	1380	4.75	121
16 EFG5K	1	25.40	1.52	38.70	5000	345	20000	1380	6.00	152
20 EFG5K	1 1/4	31.80	1.97	50.00	5000	345	20000	1380	8.25	210
24 EFG5K	1 1/2	38.10	2.26	57.30	5000	345	20000	1380	10.00	254
32 EFG5K	2	50.80	2.80	71.10	5000	345	20000	1380	25.00	635

EFG4K SAE 100R12

Meets flame resistance exception designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse hydraulic applications. EFG4K is designed to meet all requirements of SAE 100R12, EN 856 R12 (-16) Compatible with biodegradable hydraulic fluids like polyolester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black, oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black, oil resistant, synthetic rubber Neoprene - type A).
Reinforcement : Four alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 EFG4K	3/8	9.50	0.80	20.30	4000	276	16000	1104	2.50	64
8 EFG4K	1/2	12.70	0.94	24.00	4000	276	16000	1104	3.50	89
10 EFG4K	5/8	15.90	1.09	27.60	4000	276	16000	1104	4.00	102
12 EFG4K	3/4	19.10	1.21	30.70	4000	276	16000	1104	4.75	121
16 EFG4K	1	25.40	1.50	38.00	4000	276	16000	1104	6.00	152
20 EFG4K	1 1/4	31.80	1.85	47.00	4000	276	16000	1104	8.27	210

EFG5K MTF

Meets flame resistance exception designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse applications. such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, 8, -10, -12) and EN 856 4SH (-12, -16, -20). compatible with biodegradable hydraulic fluids like polyester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black oil resistant, synthetic rubber Neoprene - type A).
Reinforcement : Four (Six for - 20) alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 EFG5K MTF	3/8	9.50	0.80	20.20	5000	345	20000	1655	5.00	127
8 EFG5K MTF	1/2	12.70	0.94	24.00	5000	345	20000	1655	7.00	178
10 EFG5K MTF	5/8	15.90	1.09	27.60	5000	345	20000	1655	8.00	203
12 EFG5K MTF	3/4	19.10	1.24	31.40	5000	345	20000	1655	9.50	241
16 EFG5K MTF	1	25.40	1.52	38.70	5000	345	20000	1655	12.00	305
20 EFG5K MTF	1 1/4	31.80	1.97	50.00	5000	345	20000	1655	16.50	419
24 EFG5K MTF	1 1/2	38.10	2.26	57.30	5000	345	20000	1655	20.00	508
32 EFG5K MTF	2	50.80	2.80	71.10	5000	345	20000	1655	25.00	635

Megatuff cover lasts more than 300 times longer than standard hose during hose to hose and hose to metal abrasion test as per ISO 6945

EFG4K MTF

Meets flame resistance exception designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse applications. such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, 8, -10, -12) and EN 856 4SH (-12, -16, -20). compatible with biodegradable hydraulic fluids like polyester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black oil resistant, synthetic rubber Neoprene - type A).
Reinforcement : Four (Six for - 20) alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 EFG4K MTF	3/8	9.50	0.80	20.30	4000	276	16000	1104	2.50	64
8 EFG4K MTF	1/2	12.70	0.94	24.00	4000	276	16000	1104	3.50	89
10 EFG4K MTF	5/8	15.90	1.09	27.60	4000	276	16000	1104	4.00	102
12 EFG4K MTF	3/4	19.10	1.21	30.70	4000	276	16000	1104	4.75	121
16 EFG4K MTF	1	25.40	1.50	38.00	4000	276	16000	1104	6.00	152
20 EFG4K MTF	1 1/4	31.80	1.85	47.00	4000	276	16000	1104	8.27	210

Megatuff cover lasts more than 300 times longer than standard hose during hose to hose and hose to metal abrasion test as per ISO 6945

EFG3K SAE 100R12

Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse hydraulic applications. EFG4K is designed to meet all requirements of SAE 100R12, EN 856 R12 and EN 856 4SP. Compatible with biodegradable hydraulic fluids like polyolester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black, oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black, oil resistant, synthetic rubber (Neoprene - type A).
Reinforcement : Four alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
20 EFG3K	1 1/4	31.80	1.85	47.00	3000	207	12000	828	8.30	211
24 EFG3K	1 1/2	38.10	2.11	53.60	3000	207	12000	828	20.00	508
32 EFG3K	2	50.00	2.63	66.80	3000	207	12000	828	25.00	635

4XP

Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse hydraulic applications. Most flexible EN 856 4SP hose in the industry. Superior impulse performance: tested to 1,000,000 impulse cycles at bend radius lower than EN 856 Standards. 4 XP hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum - based fluids.

Service Temperature Range : -40°C to +100°C

Construction: Tube : Black, oil resistant, synthetic rubber (Nitrile).
Cover : Black, oil resistant, synthetic rubber (Nitrile).
Reinforcement : Four alternating layers of spiraled, high tensile steel wire.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
6 4XP	3/8	9.50	0.83	21.20	6650	460	26600	1840	7.10	180
8 4XP	1/2	12.70	0.96	24.30	6150	425	24600	1700	4.70	119
10 4XP	5/8	15.90	1.09	27.70	5800	400	23200	1600	5.50	140
12 4XP	3/4	19.10	1.24	31.50	5500	380	23925	1650	6.70	170
16 4XP	1	25.40	1.54	39.00	4650	320	20300	1400	13.40	340
20 4XP	1 1/4	31.80	1.96	49.80	3050	210	12200	840	18.10	460

* ABS type approval on -10, -12, -16 sizes
DNV type approval on -12, -16 sizes

EFG3K MTF

Meets flame resistance exception designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse applications. such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, 8, -10, -12) and EN 856 4SH (-12, -16, -20). compatible with biodegradable hydraulic fluids like polyester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +121°C

Construction: Tube : Black oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black oil resistant, synthetic rubber Neoprene - type A).
Reinforcement : Four (Six for - 20) alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
20 EFG3K MTF	1 1/4	31.80	1.85	47.00	3000	207	12000	828	8.30	211
24 EFG3K MTF	1 1/2	38.10	2.11	53.60	3000	207	12000	828	20.00	508
32 EFG3K MTF	2	50.00	2.63	66.80	3000	207	12000	828	25.00	635

Megatuff cover lasts more than 300 times longer than standard hose during hose to hose and hose to metal abrasion test as per ISO 6945

4XH

Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid.
Superior Impulse performance : tested to 1,000,000 impulse cycles.

Recommended for : Extremely high pressure, high impulse applications. Most flexible EN 856 4SH hose in industry. Compatible with biodegradable hydraulic fluids like polyolester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Service Temperature Range : -40°C to +100°C

Construction: Tube : Black, oil resistant, synthetic rubber (Nitrile - type C).
Cover : Black, oil resistant, synthetic rubber (Neoprene - type A).
Reinforcement : Four alternating layers of spiraled, high tensile steel.

Special Features: Designed for maximum flow rates.
Minimal Kinking or Collapsing during use and handling.
Cover Designed for superior abrasion resistance



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	Inch	mm
12 4XH	3/4	19.10	1.24	31.50	6100	420	26100	1800	8.30	211
16 4XH	1	25.40	1.48	37.70	5600	386	22400	1545	8.70	221
20 4XH	1 1/4	31.80	1.78	45.20	5050	348	20300	1400	16.50	419

Megatuff cover lasts more than 300 times longer than standard hose during hose to hose and hose to metal abrasion test as per ISO 6945

CPS COAL POWER

Meets flame resistance acceptance designation 'U.S. MSHA 2G'
(Meets performance requirement of SAE 100 R13)

Recommended for : High pressure lines in longwall mining equipment and roof support system / petroleum based on water emulsion fluids. Compatible with biodegradable hydraulic fluids, like polyglycol and vegetables oils as well.

Service Temperature Range : -40°C to +121°C*

Construction: Tube : Black, oil resistant, synthetic rubber (Nitrile - type C)
Cover : Black, oil resistant, synthetic rubber (Neoprene - type A).

Reinforcement : Four alternating layers of spiraled, high tensile steel over a layer of fabric on 1-1/4" 1-1/2" 2".

Special Features: Gates proprietary hose 'revolutionary design tailored to market served'

Exceeds one million impulse cycles under SAE 100 R13 test conditions when tested at DRDO, R & D, Dighi, Ministry of Defence Test Lab.



SPECIFICATIONS

Size.	Nominal I.D.		Nominal O.D.		Working Pressure Dynamic		Working Pressure Static		Min. Burst Pressure		Min. Bend Radius	
	Inch	mm	Inch	mm	psi	Bar	psi	Bar	psi	Bar	Inch	mm
12 CPS	3/4	19.10	1.24	31.40	5000	345	6700	462	20000	1380	4.75	121
16 CPS	1	25.40	1.52	38.70	5000	345	6000	414	20000	1380	6.00	152
20 CPS	1 1/4	31.80	1.97	50.00	5000	345	6000	414	20000	1380	8.25	210
24 CPS	1 1/2	38.10	2.26	57.30	5000	345	6000	414	20000	1380	10.00	254
32 CPS	2	50.80	2.80	71.10	5000	345	6000	414	20000	1380	25.00	635

SAE 100 R13 qualification requires 5, 00,000 impulse cycles at 121°C fluid temp. ('also available in Megatuff cover)

GlobalSpiral™

Item Code	Hose Size	Coupling Description	Item Description	Back up hex size H1 mm	Nut hex size H2 mm	Drop height T mm	Stem length L mm	Cut off length C mm	Flange OD M mm	Flange ID N mm	Flange thickness F mm
DOM-M-1065	1/2"	13/16-16 (ORFS) straight female	8GS-8FFORX	27	24	-	73	35.5	-	-	-
DOM-M-1070	1/2"	13/16-16 (ORFS) 45 deg bend female	8GS-8FFORX45S	27	24	15	94	58.5	-	-	-
DOM-M-1071	1/2"	13/16-16 (ORFS) 90 deg bend female	8GS-8FFORX90S	27	24	29	86	48.5	-	-	-
DOM-M-1082	1/2"	13/16-16 (ORFS) straight female Hex size 27mm	8GS-8FFORX27HEX	27	27	-	73	35.5	-	-	-
DOM-M-1066	1/2"	1-14 (ORFS) straight female	8GS-10FFORX	27	30	-	78	40.5	-	-	-
DOM-M-1064	1/2"	1-14(ORFS) straight male	8GS-10MFFOR	27	-	-	73.2	35.7	-	-	-
DOM-M-1072	1/2"	1-14 (ORFS) female 90 deg bend 47 mm drop	8GS-10FFORX90M	27	30	47	101	63.5	-	-	-
DOM-M-1079	1/2"	Code 61 flange 1/2"	8GS-8FL	-	-	-	93	55.5	30.2	12.7	6.7
DOM-M-1081	1/2"	Code 62 flange 1/2" 90 deg bend	8GS-8FL90M	-	-	58	88	50.5	30.2	12.7	6.7
DOM-M-1080	1/2"	Code 62 flange 1/2" 90 deg bend 100 mm drop	8GS-8FL90-100	-	-	100	88	50.5	30.2	12.7	6.7
DOM-M-1067	1/2"	Code 62 flange 1/2"	8GS-8FLH	-	-	-	93	55.5	31.8	12.7	7.7
DOM-M-1069	1/2"	Code 62 flange 1/2" 90 deg bend 40 mm drop	8GS-8FLH90M	-	-	40	88	50.5	31.8	12.7	7.7
DOM-M-1068	1/2"	Code 62 flange 1/2" 90 deg bend 100 mm drop	8GS-8FLH90-100	-	-	100	88	50.5	31.8	12.7	7.7
DOM-M-1060	5/8"	1-14 (ORFS) female straight	10GS-10FFORX	30	30	-	94	43.7	-	-	-
DOM-M-1059	5/8"	1-14 (ORFS) female 90 deg bend 47 mm drop	10GS-10FFORX90M	30	30	47	101	43.7	-	-	-
DOM-M-1063	5/8"	1-14 (ORFS) male straight	10GS-10MFFOR	27	-	-	87	36.7	-	-	-
DOM-M-1085	5/8"	-3/4" 1-3/16 - 12 (ORFS) male straight	10GS-12MFFOR	32	-	-	89	38.7	-	-	-
DOM-M-1058	5/8"	1 3/16-12 (ORFS) female	10GS-12FFORX	30	36	-	95	44.7	-	-	-
DOM-M-1062	5/8"	1 3/16-12 (ORFS) female 90 deg bend 58 mm drop	10GS-12FFORX90-58	30	36	58	107	56	-	-	-
DOM-M-1084	5/8"	-1/2" Code 61 flange 90 degree bend 130mm drop	10GS-8FL90-130	-	-	130	100	49.8	30.2	12.7	6.7
DOM-M-1110	5/8"	M30 x 2 heavy series female straight	10GS-20FDHORX	-	46	-	104	53.7	-	-	-
DOM-M-1044	3/4"	1 3/16-12 (ORFS) female straight	12GS-12FFORX	32	36	-	99	48	-	-	-
DOM-M-1045	3/4"	1 3/16-12 (ORFS) female 45 deg bend	12GS-12FFORX45S	32	36	21	125	74	-	-	-
DOM-M-1047	3/4"	1 3/16-12 (ORFS) female 90 deg bend 48 mm drop	12GS-12FFORX90S	32	36	48	128	77	-	-	-
DOM-M-1046	3/4"	1 3/16-12 (ORFS) female 90 deg bend 96 mm drop	12GS-12FFORX90L	32	36	96	128	77	-	-	-
DOM-M-1048	3/4"	1 1/16-12 (JIC) female straight	12GS-12FJX	28.5	32	-	98.2	47	-	-	-
DOM-M-1049	3/4"	1 1/16-12 (JIC) female 90 deg bend 58 mm drop	12GS-12FJX90M	28.5	32	58	113	62	-	-	-
DOM-M-1050	3/4"	Code 61 flange 3/4" straight	12GS-12FL	-	-	-	111	60	38.1	19	6.7
DOM-M-1086	3/4"	Code 61 flange 3/4" straight	12GS-12FL90M	-	-	58	112	61	38.1	19.1	6.7
DOM-M-1051	3/4"	Code 61 flange 3/4" 90 deg bend 100 mm drop	12GS-12FL90-100	-	-	100	122	71	38.1	19	6.7
DOM-M-1053	3/4"	Code 61 flange 3/4" 90 deg bend 140 mm drop	12GS-12FL90-140	-	-	140	122	71	38.1	19	6.7
DOM-M-1087	3/4"	Code 61 flange 45 degree bend 26mm drop	12GS-12FL45-26	-	-	26	124	173	38.1	19.1	6.7
DOM-M-1054	3/4"	Code 62 flange 3/4" straight	12GS-12FLH	-	-	-	114	63	41.4	19	8.8
DOM-M-1088	3/4"	Code 62 flange 90 degree bend 58mm drop	12GS-12FLH90M	-	-	58	112	61	41.4	19.1	8.8
DOM-M-1057	3/4"	Code 62 flange 3/4" 90 deg bend 90 mm drop	12GS-12FLH90-90	-	-	90	122	71	41.4	19	8.8
DOM-M-1055	3/4"	Code 62 flange 3/4" 45 deg bend	12GS-12FLH45M	-	-	26	124	73	41.4	19	8.8
DOM-M-1056	3/4"	Code 62 flange 3/4" 90 deg bend 120 mm drop	12GS-12FLH90-122	-	-	122	122	71	41.4	19	8.8
DOM-M-1089	3/4"	Code 62 flange 45 degree bend 100mm drop	12GS-12FLH45-100	-	-	100	194	142.9	41.4	19.1	8.8
DOM-M-1078	3/4"	Code 61 flange 3/4" 45 deg bend 100 mm drop	12GS-12FL45-100	-	-	100	210	159	38.1	19	6.7
DOM-M-1101	3/4"	3/4" Caterpillar style O-ring straight flange	12GS-12FLC	-	-	-	145	94	41.4	19.1	14.2

The no-skive coupling...

one stem is all you need

Item Code	Hose Size	Coupling Description	Item Description	Back up hex size H1 mm	Nut hex size H2 mm	Drop height T mm	Stem length L mm	Cut off length C mm	Flange OD M mm	Flange ID N mm	Flange thickness F mm
DOM-M-1102	3/4"	-1" 3/4" Caterpillar style O-ring straight flange	12GS-16FLC	-	-	-	145	94	47.8	19.1	14.2
DOM-M-1041	3/4"	3/4" BSP female straight	12GS-12FBSPORX	-	32	-	85	34	-	-	-
DOM-M-1042	3/4"	3/4" BSP female 45 deg bend 28 mm drop	12GS-12FBSPORX45M	-	32	28.3	134.4	83.4	-	-	-
DOM-M-1043	3/4"	3/4" BSP female 90 deg bend 60 mm drop	12GS-12FBSPORX90M	-	32	60	123.5	72.5	-	-	-
DOM-M-1090	3/4"	M30 x 2 Heavy Series female straight	12GS-20FDHORX	-	36	-	103	52	-	-	-
DOM-M-1052	3/4"	M36 x 2 Heavy Series female straight	12GS-25FDHORX	-	46	-	107.4	56.4	-	-	-
DOM-M-1111	3/4"	M36 x 2 Heavy Series female 90 degree bend	12GS-25FDHORX90	-	46	64	123.5	72.5	-	-	-
DOM-M-1091	1"	Code 62 flange 1" 90 deg bend 58 mm drop	16GS-12FLH90M	-	41	58	135	78.6	41.4	19.1	8.8
DOM-M-1092	1"	Code 61 flange 1" 90 deg bend 100 mm drop	16GS-12FL90-100	-	-	100	184	127.2	38.1	19.1	6.7
DOM-M-1030	1"	1 7/16-12 (ORFS) female straight	16GS-16FFORX	41	41	-	110	54.4	-	-	-
DOM-M-1033	1"	1 7/16-12 (ORFS) female 90 deg bend	16GS-16FFORX90S	41	56	144	87.6	-	-	-	-
DOM.M.1032	1"	1 7/16-12 (ORFS) female 90 deg bend 120 mm drop	16GS-16FFORX90-120	41	120	144	87.6	-	-	-	-
DOM-M-1031	1"	1 7/16-12 (ORFS) female 45 deg bend 24 mm drop	16GS-16FFORX45-24	41	24	144	87.6	-	-	-	-
DOM-M-1034	1"	1 5/16-12 (JIC) female straight	16GS-16FJX	38	38	-	109.2	52.8	-	-	-
DOM-M-1035	1"	1 5/16-12 (JIC) female 90 deg bend 71 mm drop	16GS-16FJX90M	38	38	71	144	87.6	-	-	-
DOM-M-1083	1"	1 5/16-12 (JIC) female straight	16GS-16FJX41HEX	41	38	-	109.2	52.8	-	-	-
DOM-M-1036	1"	Code 61 flange 1" straight	16GS-16FL	-	-	-	125	68.6	44.5	25.4	8
DOM-M-1038	1"	Code 61 flange 1" 90 deg bend 70 mm drop	16GS-16FL90M	-	-	70	135	78.6	44.5	25.4	8
DOM-M-1037	1"	Code 61 flange 1" 90 deg bend 120 mm drop	16GS-16FL90-120	-	-	120	134	77.2	44.5	25.4	8
DOM-M-1039	1"	Code 62 flange 1" straight	16GS-16FLH	-	-	-	125	68.6	47.8	25.4	9.5
DOM-M-1040	1"	Code 62 flange 1" 90 deg bend 70 mm drop	16GS-16FLH90M	-	-	70	135	78.6	47.8	25.4	9.5
DOM-M-1103	1"	1" Caterpillar style O-ring straight flange	16GS-16FLC	-	-	-	155	98.2	47.8	25.4	14.2
DOM-M-1104	1"- 1 1/4"	1" Caterpillar style O-ring straight flange	16GS-20FLC	-	-	-	155	98.2	54.1	25.4	14.2
DOM-M-1093	1"	1-11 BSP female straight	16GS-16FBSPORX	-	41	-	95	38.6	-	-	-
DOM-M-1094	1"	M36 x 2 Heavy Series female straight	16GS-25FDHORX	-	46	-	116	59.6	-	-	-
DOM-M-1024	1"	M42 x 2 Heavy Series female straight	16GS-30FDHORX	-	50	-	145	73.9	-	-	-
DOM-M-1113	1"	M42 x 2 Heavy Series female 90 degree bend 76mm drop	16GS-30FDHORX90M	-	50	76	147.7	91.3	-	-	-
DOM-M-1095	1"	M42 x 2 Heavy Series female 45 degree bend 60mm drop	16GS-30FDHORX45-60	-	50	60	172	115.6	-	-	-
DOM-M-1096	1-1/4"	1 11/16-12 (ORFS) female straight	20GS-20FFORX	50	50	-	128	56.9	-	-	-
DOM-M-1097	1-1/4"	1 7/16-12 (ORFS) female 90 deg bend 78 mm drop	20GS-20FFORX90M	50	50	78	172	100.9	-	-	-
DOM-M-1108	1-1/4"	Code 61 flange 1 1/4" straight	20GS-20FL	-	-	-	146	74.9	50.8	31.7	8
DOM-M-1109	1-1/4"	Code 61 flange 1 1/4" 45 deg bend 32 mm drop	20GS-20FL45	-	-	32	170	98.9	50.8	31.7	8
DOM-M-1098	1-1/4"	Code 62 flange 1 1/4" straight	20GS-20FLH	-	-	-	146	74.9	54.1	31.7	10.3
DOM-M-1099	1-1/4"	Code 62 flange 1 1/4" 90 deg bend 90 mm drop	20GS-20FLH90M	-	-	90	165	93.9	50.8	31.7	8
DOM-M-1105	1-1/4"	1 1/4" Caterpillar style O-ring straight flange	20GS-20FLC	-	-	-	187	115.9	54.1	31.7	14.2
DOM-M-1100	1-1/4"	M52 x 2 Heavy Series female straight	20GS-38FDHORX	-	60	-	145	73.9	-	-	-
DOM-M-1112	1-1/4"	M52 x 2 Heavy Series female 90 degree bend 87mm drop	20GS-38FDHORX90	-	60	87	180.5	109.4	-	-	-
DOM-M-1107	1-1/2"	Code 61 flange 1 1/2" straight	24GSP-24FL	-	-	-	152.9	79.3	60.3	38.1	8
DOM-M-1106	1-1/2" -2"	Code 61 flange 1 1/2" straight	24GSP-32FL	-	-	-	147.1	75.9	71.4	38.1	9.5

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Item Code	Hose Size	Coupling Description	Item Description	Back up hex size H1 mm	Nut hex size H2 mm	Drop height T mm	Stem length L mm	Cut off length C mm	Flange OD M mm	Flange ID N mm	Flange thickness F mm
7347-24245	1/2"	3/4-16 (JIC) female straight	8GS-8FJX	7/8	7/8	-	72.0	34.5	-	-	-
7347-28245	1/2"	3/4-16 (JIC) female 90 degree medium bend	8GS-8FJX90M	7/8	7/8	41.0	92.0	54.6	-	-	-
7347-74245	1/2"	1/2" Code 61 O-ring 90 degree bend flange medium drop	8GS-8FL90M	-	-	40.0	88.0	50.5	30.2	19.0	6.7
7347-90595	1/2"	1/2" (M22x1.5) light series with O-ring female straight	8GS-15FDLORX	-	22.0	-	73.0	35.5	-	-	-
7347-91335	1/2"	1/2" (M24x1.5) Heavy series with O-ring female straight	8GS-16FDHORX	-	30.0	-	79.0	41.5	-	-	-
7347-91485	1/2"	1/2" (M24x1.5) Heavy series with O-ring female 90 degree bend	8GS-16FDHORX90M	-	30.0	44.0	86.0	48.5	-	-	-
7347-91405	1/2"	1/2-14 (BSP) O-ring female straight	8GS-8FBSPORX	-	27.0	-	61.0	23.5	-	-	-
7347-91425	1/2"	1/2-14 (BSP) O-ring female 90 degree bend medium drop	8GS-8FBSPORX90M	-	27.0	37.0	88.0	50.5	-	-	-
7347-24145	3/8"	9/16-18 (JIC) female straight	6GS-6FJX	3/4	3/4	-	69.0	33.2	-	-	-
7347-84045	3/8"	9/16-18 (JIC) female 90 degree medium bend	6GS-6FJX90M	7/8	3/4	38.1	79.0	42.2	-	-	-
7347-30145	3/8"	11/16-16 (ORFS) female straight	6GS-6FFORX	22	22	-	69.0	33.2	-	-	-
7347-32145	3/8"	11/16-16 (ORFS) female 90 degree bend short drop	6GS-6FFORX90S	22	22	23.0	78.0	42.2	-	-	-
7347-92815	3/8"	3/8" (M18x1.5) light series with O-ring female straight	6GS-12FDLORX	-	22.0	-	73.0	37.2	-	-	-
7347-92085	3/8"	3/8" (M22x1.5) Heavy series with O-ring female straight	6GS-14FDHORX	-	27.0	-	75.5	39.7	-	-	-
7347-92235	3/8"	3/8-19 (BSP) O-ring female straight	6GS-6FBSPORX	-	22.0	-	59.4	23.5	-	-	-
7347-92355	3/8"	3/8-19 (BSP) O-ring female 90 degree bend medium drop	6GS-6FBSPORX90M	-	22.0	32.0	78.0	42.2	-	-	-
7347-82175	5/8"	7/8-14 (JIC) female straight	10GS-10FJX	1	1-1/16	-	93.5	43.2	-	-	-
7347-84245	5/8"	7/8-14 (JIC) female 90 degree medium bend	10GS-10FJX90M	1	1-1/16	47.0	107.0	56.7	-	-	-
7347-20445	3/4"	3/4-14 Male pipe straight	12GS-12MP	1-1/16	-	90.0	39.0	-	-	-	-
7347-73945	3/4"	3/4" Caterpillar style O-ring 90 degree bend flange 68mm drop	12GS-12FLC90-68	-	-	68.0	125.0	74.0	41.3	19.0	9.5
7347-73955	3/4"-1"	3/4" Caterpillar style O-ring 90 degree bend flange 68mm drop	12GS-16FLC90-68	-	-	68.0	117.0	66.0	47.8	25.4	14.2
7347-92125	3/4"	3/4" (M30x2) light series with O-ring female straight	12GS-22FDLORX	-	36.0	-	97.0	46.0	-	-	-
7347-92165	3/4"	3/4" (M36x2) light series with O-ring female straight	12GS-28FDLORX	-	41.0	-	99.0	48.0	-	-	-
7347-92135	3/4"	3/4" (M36x2) light series with O-ring female 90 degree bend	12GS-22FDLORX90M	-	36.0	62.0	123.5	72.5	-	-	-
7347-92225	3/4"	3/4-14 (BSP) O-ring female 90 degree bend medium drop	12GS-12FBSPORX90M	-	32.0	60.0	123.5	72.5	-	-	-
7347-20555	1"	1-11 1/2 Male pipe straight	16GS-16MP	1-3/8	-	-	106.0	49.2	-	-	-
7347-68555	1"	1" Caterpillar style O-ring 90 degree bend flange 74mm drop	16GS-16FLC90-74	-	-	74.0	131.0	74.1	47.8	25.4	14.2
7347-68565	1"-1 1/4"	1" Caterpillar style O-ring 90 degree bend flange 74mm drop	16GS-20FLC90-74	-	-	74.0	131.0	74.1	54.1	31.5	14.2
7347-90795	1"	1" (M36x2) light series with O-ring female straight	16GS-28FDLORX	-	41.0	-	105.0	48.6	-	-	-
7347-90765	1"	1" (M36x2) light series with O-ring female 90 degree bend	16GS-28FDLORX90M	-	41.0	70.0	147.7	68.7	-	-	-
7347-90785	1"	1-11 (BSP) O-ring female 90 degree bend medium drop	16GS-16FBSPORX90M	-	41.0	70.0	147.7	91.3	-	-	-
7347-20645	1-1/4"	1-1/4 - 11 1/2 Male pipe straight	20GS-20MP	1-3/4	-	-	127.0	55.9	-	-	-
7347-76955	1-1/4"	1-1/4 - 11 1/2 Male pipe straight - API threads	20GS-20MAPI	1-3/4	-	140.0	68.9	-	-	-	-
7347-24645	1-1/4"	1-5/8 -12 (JIC) female straight	20GS-20FJX	1-7/8	2	-	134.4	64.9	-	-	-
7347-74645	1-1/4"	1-1/4" Code 61 O-ring 90 degree bend flange medium drop	20GS-20FL90M	-	-	90.0	165.0	93.9	50.8	31.5	8.0
7347-74725	1-1/4"	1-1/4" Code 61 O-ring 90 degree bend flange medium drop	24GSP-24FL90M	-	-	104.0	175.0	101.9	60.5	31.5	9.5
7347-68645	1-1/4"	1-1/4" Caterpillar style O-ring 90 degree bend flange 77mm drop	20GS-20FLC90-77	-	-	77.0	166.0	94.9	54.1	31.5	14.2
7347-93375	1-1/4"	1-1/4-11 (BSP) O-ring female straight	20GS-20FBSPORX	-	50.0	-	116.5	45.4	-	-	-
7347-93405	1-1/4"	1-1/4-11 (BSP) O-ring female 90 degree bend medium drop	20GS-20FBSPORX90M	-	50.0	80.0	180.5	109.4	-	-	-
7347-20725	1-1/2"	1-1/2 - 11 1/2 Male pipe straight	24GSP-24MP	2	-	-	133.0	59.4	-	-	-
7347-48725	1-1/2"	1-1/2" Code 62 O-ring Flange straight	24GSP-24FLH	-	-	-	167.0	93.4	63.5	38.1	12.6
7347-28645	1-1/4"	1-5/8 -12 (JIC) female 90 degree medium bend	20GS-20FJX90M	1-7/8	2	78.0	174.0	102.9	-	-	-
7347-79105	1-1/2"	1-1/2" Code 62 O-ring 90 degree bend Flange 94mm drop	24GSP-24FLH90-94	-	-	94.0	175.5	101.9	63.5	38.1	12.6
7347-20795	2"	2 - 11 1/2 Male pipe straight	32GSP-32MP	2.5	-	-	153.7	61.7	-	-	-
7347-85415	2"	2 - 11 1/2 Male pipe straight for API unions	32GS-32MAPI	2.5	-	138.4	108.6	-	-	-	-
7347-82525	2"	2-1/2 - 12 (JIC) female straight	32GSP-32FJX	2.56	2.95	-	172.6	80.6	-	-	-
7347-41795	2"	2" Code 61 O-ring Flange straight	32GSP-32FL	-	-	-	159.3	67.3	71.4	50.8	9.5
7347-47805	2"	2" Code 61 O-ring 90 degree bend flange 114mm drop	32GSP-32FL90-114	-	-	114.0	222.0	130.1	71.4	50.8	9.5
7347-48795	2"	2" Code 62 O-ring Flange straight	32GSP-32FLH	-	-	-	180.0	88.0	79.4	50.8	12.6
7347-75795	2"	2" Code 62 O-ring 90 degree bend flange medium drop	32GSP-32FLH90M	-	-	138.0	221.4	129.4	79.4	50.8	12.6