

HOSE
HOSE/CPLG. SELECTION
G8K COUPLINGS
GLOBALSPIRAL COUPLINGS
PCM / PCS FERRULES
MEGACRIMP COUPLINGS
STAINLESS STEEL
POWER CRIMP COUPLINGS
LOC, GL AND GLP COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
C14 COUPLINGS
PCTS THERMOPLASTIC COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
FIELD ATTACHABLE C5 & C5E COUPLINGS
SURELOK AIR BRAKE COUPLINGS
ADAPTERS
QUICK DISCONNECT COUPLERS
LIVE SWIVEL
BALL VALVES
ACCESSORIES
EQUIPMENT AND PARTS

Global G2 2-Wire Braid Hose - SAE 100R2 Type S High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

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

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See [gates.com/ecrimp](https://www.gates.com/ecrimp) or Crimp Data Manual 35019)

Field Attachable Type T Couplings (-4 through -24) (Section O)
GlobalSpiral™ Couplings (-6 through -20) (Section E)
GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)
MegaCrimp® Couplings (-4 through -20) (Section G)
Power Crimp® Couplings (-3 only) (Section I)
Stainless Steel "B" Couplings (Section H)



Description	Product No.						Standard Pack	Weight (Lbs.)
3G2 X50FT	4657-0029	3/16	.52	6025	24100	3.5	1	10.67
3G2XREEL	4657-2182	3/16	.52	6025	24100	3.5	440	.21
4G2 X50FT	4657-4941	1/4	.59	5800	23200	4.0	1	13.58

Global G2 2-Wire Braid Hose - SAE 100R2 Type S High Pressure

Continued

Description	Product No.						Standard Pack	Weight (Lbs.)
4G2X150REEL	4657-4421	1/4	.59	5800	23200	4.0	150	.23
4G2XBALE	4657-5708	1/4	.59	5800	23200	4.0	4000	.27
4G2XREEL	4657-0125	1/4	.59	5800	23200	4.0	550	.27
6G2 X50FT	4657-4916	3/8	.74	4800	19200	5.0	1	17.79
6G2 X100FT	4657-4906	3/8	.74	4800	19200	5.0	1	35.59
6G2XBALE	4657-5709	3/8	.74	4800	19200	5.0	3000	.36
6G2XREEL	4657-0126	3/8	.74	4800	19200	5.0	400	.35
8G2 X50FT	4657-4918	1/2	.86	4000	16000	7.0	1	20.80
8G2 X100FT	4657-4908	1/2	.86	4000	16000	7.0	1	44.28
8G2XBALE	4657-5710	1/2	.86	4000	16000	7.0	2250	.45
8G2XREEL	4657-0127	1/2	.86	4000	16000	7.0	330	.44
10G2 X50FT	4657-1965	5/8	.99	3625	14500	8.0	1	26.74
10G2XBALE	4657-5711	5/8	.99	3625	14500	8.0	1800	.54
10G2XREEL	4657-0132	5/8	.99	3625	14500	8.0	220	.54
12G2 X50FT	4657-4909	3/4	1.15	3100	12400	9.5	1	31.46
12G2 X50FT	4657-4943	3/4	1.15	3100	12400	9.5	1	31.46
12G2XBALE	4657-5712	3/4	1.15	3100	12400	9.5	1250	.63
12G2XREEL	4657-0128	3/4	1.15	3100	12400	9.5	220	.63
16G2 X50FT	4657-4945	1	1.48	2400	9600	12.0	1	48.18
16G2XBALE	4657-1094	1	1.48	2400	9600	12.0	700	.96
16G2XREEL	4657-0129	1	1.48	2400	9600	12.0	165	.96
20G2 X25FT	4657-0689	1 1/4	1.86	1825	7300	16.5	5	35.00
20G2XCTN	4657-0644	1 1/4	1.86	1825	7300	16.5	120	1.50
24G2 X25FT	4657-2507	1 1/2	2.11	1300	5200	20.0	1	44.34
24G2 X50FT	4657-2516	1 1/2	2.11	1300	5200	20.0	1	88.67
24G2XCTN	4657-2491	1 1/2	2.11	1300	5200	20.0	120	1.77
32G2 X25FT	4657-2508	2	2.62	1175	4700	25.0	1	56.30
32G2 X50FT	4657-2517	2	2.62	1175	4700	25.0	1	112.60
32G2XCTN	4657-2492	2	2.62	1175	4700	25.0	120	2.25

G2XH 2-Wire Braid Xtreme® Heat Hose - SAE 100R2 Type S High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

Recommended For: Extremely High temperature high-pressure hydraulic applications where pressure or temperature requirements exceed SAE 100R2, ISO1436 2SN R2 and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required. Meets SAE J1942 requirements.

Tube: Black, oil and chemical resistant, synthetic rubber (CPE - Type J).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and abrasion resistant, thin synthetic rubber CSM - Type M.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate ester fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F. For water emulsions: Max. +225°F Pressure lines, Max +180°F Return lines.

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)

GlobalSpiral™ Couplings (-6 through -20) (Section E)

GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)

MegaCrimp® Couplings (-4 through -20) (Section G)



Description	Product No.						Standard Pack	Weight (Lbs.)
4G2XH X50FT	4657-4008	1/4	.59	6000	24000	4.0	1	13.00

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

GLOBALSPIRAL
COUPLINGS

PCM / PCS
FERRULES

MEGACRIMP
COUPLINGS

STAINLESS
STEEL

POWER CRIMP
COUPLINGS

LOC, GL AND GLP
COUPLINGS

POLARSEAL
COUPLINGS

POLARSEAL II
COUPLINGS

C14 COUPLINGS

PCTS
THERMOPLASTIC
COUPLINGS

FIELD
ATTACHABLE G1
& G2 COUPLINGS

FIELD
ATTACHABLE C5
& C5E
COUPLINGS

SURELOK AIR
BRAKE
COUPLINGS

ADAPTERS

QUICK
DISCONNECT
COUPLERS

LIVE SWIVEL

BALL VALVES

ACCESSORIES

EQUIPMENT AND
PARTS

G2XH 2-Wire Braid Xtreme® Heat Hose - SAE 100R2 Type S High Pressure

Continued

HOSE	Description	Product No.						Standard Pack	Weight (Lbs.)
HOSE/CPLG. SELECTION	4G2XH XREEL	4657-2541	1/4	.59	6000	24000	4.0	550	.30
	6G2XH X50FT	4657-4009	3/8	.74	5000	20000	5.0	1	17.50
G8K COUPLINGS	6G2XH XREEL	4657-2542	3/8	.74	5000	20000	5.0	400	.39
	8G2XH X50FT	4657-4010	1/2	.86	4250	17000	7.0	1	22.60
GLOBAL SPIRAL COUPLINGS	8G2XH XREEL	4657-2543	1/2	.86	4250	17000	7.0	330	.47
	10G2XH X50FT	4657-4011	5/8	.99	3625	14500	8.0	1	27.20
	10G2XH XREEL	4657-2544	5/8	.99	3625	14500	8.0	220	.56
PCM / PCS FERRULES	12G2XH X50FT	4657-4012	3/4	1.15	3100	12400	9.5	1	32.00
	12G2XH XREEL	4657-2545	3/4	1.15	3100	12400	9.5	220	.68
MEGACRIMP COUPLINGS	16G2XH X50FT	4657-4013	1	1.48	2500	10000	12.0	1	49.60
	16G2XH XREEL	4657-2546	1	1.48	2500	10000	12.0	165	1.02
	20G2XH XCTN	4657-4988	1 1/4	1.86	2250	9000	16.5	130	1.82
STAINLESS STEEL	24G2XH XCTN	4657-4989	1 1/2	2.15	1800	7200	20.0	130	1.50
	32G2XH XCTN	4657-4990	2	2.65	1500	6000	25.0	130	2.12
POWER CRIMP COUPLINGS									

Global G2H High-Temp 2-Wire Braid Hose Type AT High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

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

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (CSM - Type M). Also available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)

Field Attachable Type T Couplings (-20 and -24) (Section O)

GlobalSpiral™ Couplings (-20) (Section E)

GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)

MegaCrimp® Couplings (-20) (Section G)



HOSE	Description	Product No.						Standard Pack	Weight (Lbs.)
SURELOK AIR BRAKE COUPLINGS	20G2H X50FT	4657-0925	1 1/4	1.86	1825	6500	16.5	1	75.75
	20G2H XCTN	4657-0930	1 1/4	1.86	1825	6500	16.5	120	1.52
	24G2H X25FT	4657-4331	1 1/2	2.11	1300	5200	20.0	1	45.00
ADAPTERS	24G2H X50FT	4657-0927	1 1/2	2.11	1300	5200	20.0	1	90.06
	24G2H XCTN	4657-0931	1 1/2	2.11	1300	5200	20.0	120	1.80
QUICK DISCONNECT COUPLERS	32G2H X25FT	4657-4332	2	2.62	1175	4700	25.0	1	57.25
	32G2H X50FT	4657-0926	2	2.62	1175	4700	25.0	1	114.29
	32G2H XCTN	4657-0932	2	2.62	1175	4700	25.0	120	2.29
LIVE SWIVEL									
BALL VALVES									
ACCESSORIES									
EQUIPMENT AND PARTS									

Global G2H High-Temp - MegaTuff® Cover Type AT High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

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

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber and MegaTuff® cover. Also available in Standard cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)

Field Attachable Type T Couplings (-20 and -24) (Section O)

GlobalSpiral™ Couplings (-20) (Section E)

GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)

MegaCrimp® Couplings (-20) (Section G)



Description	Product No.						Standard Pack	Weight (Lbs.)
20G2H-MTFXCTN	4657-2573	1 1/4	1.87	1825	6500	16.5	100	1.52
24G2H-MTFXCTN	4657-2151	1 1/2	2.15	1300	5200	20.0	100	1.60
32G2H-MTFXCTN	4657-2152	2	2.65	1175	4700	25.0	100	1.79

Global G2L PolarFlex® Hose - SAE 100R2 Type S High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

Recommended For: Low temperature high-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN. Qualified to Mil-DTL-13531 Type II Class B.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, thin synthetic rubber (Chloroprene - Type A). See Hose Stock Characteristics.

Temperature Range: -70°F to +212°F (-57°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)

Field Attachable Type T Couplings (-4 through -24) (Section O)

GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)

MegaCrimp® Couplings (-4 through -20) (Section G)



Description	Product No.						Standard Pack	Weight (Lbs.)
4G2L X50FT	4657-2475	1/4	.59	5800	23200	4.0	1	12.93
4G2LXREEL	4657-2202	1/4	.59	5800	23200	4.0	440	.26
6G2L X50FT	4657-2476	3/8	.74	4800	19200	5.0	1	19.19
6G2LXREEL	4657-2203	3/8	.74	4800	19200	5.0	385	.38
8G2L X50FT	4657-2477	1/2	.86	4000	16000	7.0	1	22.84
8G2LXREEL	4657-2204	1/2	.86	4000	16000	7.0	330	.46
10G2L X50FT	4657-2478	5/8	.99	3625	14500	8.0	1	27.50
10G2LXREEL	4657-2205	5/8	.99	3625	14500	8.0	220	.55
12G2L X50FT	4657-2479	3/4	1.15	3100	12400	9.5	1	32.68
12G2LXREEL	4657-2206	3/4	1.15	3100	12400	9.5	220	.65
16G2L X50FT	4657-2480	1	1.48	2400	9600	12.0	1	49.06
16G2LXREEL	4657-2207	1	1.48	2400	9600	12.0	165	.98
20G2L X50FT	4657-4102	1 1/4	1.84	1825	7300	16.5	1	80.40
20G2LXCTN	4657-2208	1 1/4	1.84	1825	7300	16.5	120	1.20
24G2L X50FT	4657-4103	1 1/2	2.12	1300	5200	20.0	1	80.75
24G2LXCTN	4657-2315	1 1/2	2.12	1300	5200	20.0	120	1.50
32G2L X50FT	4657-4104	2	2.62	1175	4700	25.0	1	108.00

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

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COUPLINGS

PCM / PCS
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STAINLESS
STEEL

POWER CRIMP
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COUPLINGS

POLARSEAL
COUPLINGS

POLARSEAL II
COUPLINGS

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& C5E
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ADAPTERS

QUICK
DISCONNECT
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LIVE SWIVEL

BALL VALVES

ACCESSORIES

EQUIPMENT AND
PARTS

Global G2L PolarFlex® Hose - SAE 100R2 Type S High Pressure

Continued

Description	Product No.						Standard Pack	Weight (Lbs.)
32G2LXCTN	4657-2316	2	2.62	1175	4700	25.0	120	2.15

J2AT 2-Wire Braid Jack Hose - 10,000 Static Pressure Only High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

Recommended For: Hydraulic jack applications. Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 Static Pressure Only

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Nitrile/PVC - Type C2). Also available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +120°F (-40°C to +49°C).

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)

Use MegaCrimp® Male Pipe Long Nose Couplings on jack end of assembly for engagement. (Section G)



Description	Product No.						Standard Pack	Weight (Lbs.)
4J2AT X50FT	4657-4880	1/4	.59	10000	20000	2.0	1	13.45
4J2ATXREEL	4657-1400	1/4	.59	10000	20000	2.0	350	.27
6J2AT X50FT	4657-4881	3/8	.74	10000	20000	2.5	1	19.25
6J2ATXREEL	4657-1404	3/8	.74	10000	20000	2.5	330	.38

J2AT 2-Wire Braid Jack Hose - MegaTuff® Cover - 10,000 Static Pressure Only High Pressure

Meets Flame Resistance Acceptance Designation "MSHA 2G"

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Ultra High abrasive hydraulic jack applications. Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 Static Pressure.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber and MegaTuff® cover. Also available in Standard cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +120°F (-40°C to +49°C).

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)

Use MegaCrimp® Male Pipe Long Nose Couplings on jack end of assembly for engagement. (Section G)



Description	Product No.						Standard Pack	Weight (Lbs.)
4J2AT-MTFXREEL	4657-1188	1/4	.59	10000	20000	2.0	350	.27
6J2AT-MTFXREEL	4657-1189	3/8	.74	10000	20000	2.5	330	.39