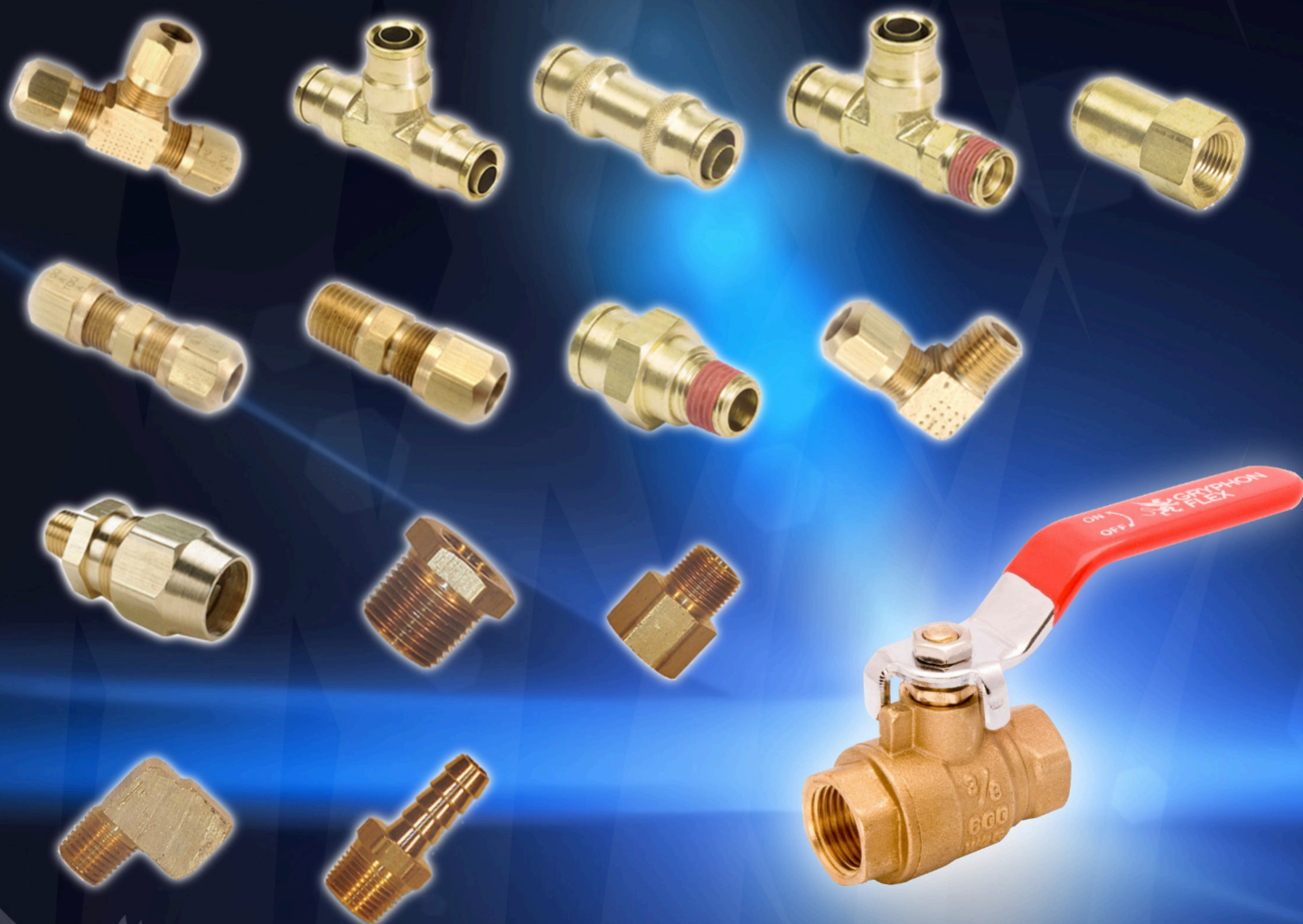




GRYPHON FLEX

Brass Fittings Catalogue

Revision 2024.r1.5



Gryphon
Flex

- ✓ Cost-effective fittings line
- ✓ Robust with reliable performance
- ✓ Qualified with **GryphonFlex** tube

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Brass Ball Valve

B1101 Brass, Ball Valve



PART NO	FP	FP
B1101-06-06	3/8	3/8
B1101-08-08	1/2	1/2
B1101-12-12	3/4	3/4
B1101-16-16	1	1
B1101-20-20	1 1/4	1 1/4
B1101-24-24	1 1/2	1 1/2
B1101-32-32	2	2



B1102 Adaptor, Brass, NPT, 90° Elbow



PART NO	MP	MP
B1102-02-02	1/8	1/8
B1102-04-02	1/4	1/8
B1102-04-04	1/4	1/4
B1102-06-04	3/8	1/4
B1102-06-06	3/8	3/8
B1102-08-06	1/2	3/8
B1102-08-08	1/2	1/2

B1103 Adaptor, Brass, NPT, Straight



PART NO	FP	FP
B1103-02-02	1/8	1/8
B1103-04-02	1/4	1/8
B1103-04-04	1/4	1/4
B1103-06-02	3/8	1/8
B1103-06-04	3/8	1/4
B1103-06-06	3/8	3/8
B1103-08-02	1/2	1/8
B1103-08-04	1/2	1/4
B1103-08-06	1/2	3/8
B1103-08-08	1/2	1/2
B1103-12-06	3/4	3/8
B1103-12-08	3/4	1/2
B1103-12-12	3/4	3/4

B1104 Adaptor, Brass, NPT, Cap



PART NO	FP
B1104-02	1/8
B1104-04	1/4
B1104-06	3/8
B1104-08	1/2
B1104-12	3/4



B1105 Adaptor, Brass, NPT, Reducer Bushing



PART NO	MP	FP
B1105-04-02	1/4	1/8
B1105-06-02	3/8	1/8
B1105-06-04	3/8	1/4
B1105-08-02	1/2	1/8
B1105-08-04	1/2	1/4
B1105-08-06	1/2	3/8
B1105-12-02	3/4	1/8
B1105-12-04	3/4	1/4
B1105-12-06	3/4	3/8
B1105-12-08	3/4	1/2
B1105-16-04	1	1/4
B1105-16-06	1	3/8
B1105-16-08	1	1/2
B1105-16-12	1	3/4

B1107 Adaptor, Brass, NPT, Close Nipple



PART NO	MP	MP
B1107-02-02	1/8	1/8
B1107-04-04	1/4	1/4
B1107-06-06	3/8	3/8
B1107-08-08	1/2	1/2

B1107 Adaptor, Brass, NPT, Nipple, Long



PART NO	MP	MP	L
B1107-02-02-X2.0	1/8	1/8	2.00
B1107-02-02-X3.0	1/8	1/8	3.00
B1107-04-04-X2.0	1/4	1/4	2.00
B1107-04-04-X3.0	1/4	1/4	3.00
B1107-06-06-X2.0	3/8	3/8	2.00
B1107-06-06-X3.0	3/8	3/8	3.00
B1107-08-08-X2.0	1/2	1/2	2.00
B1107-08-08-X3.0	1/2	1/2	3.00

Custom Lengths Available



B1108 Adaptor, Brass, NPT, Plug Socket



PART NO	MP
B1108-01	1/16
B1108-02	1/8
B1108-04	1/4
B1108-06	3/8
B1108-08	1/2
B1108-12	3/4
B1108-16	1

B1109 Adaptor, Brass, NPT, Straight



PART NO	FP	MP
B1109-02-02	1/8	1/8
B1109-04-02	1/4	1/8
B1109-04-04	1/4	1/4
B1109-06-02	3/8	1/8
B1109-06-04	3/8	1/4
B1109-06-06	3/8	3/8
B1109-08-04	1/2	1/4
B1109-08-06	1/2	3/8
B1109-08-08	1/2	1/2
B1109-12-06	3/4	3/8
B1109-12-08	3/4	1/2
B1109-12-12	3/4	3/4

B1110 Adaptor, Brass, NPT, Plug



PART NO	MP
B1110-02	1/8
B1110-04	1/4
B1110-06	3/8
B1110-08	1/2
B1110-12	3/4
B1110-16	1



B1111 Adaptor, Brass, NPT, Hex Nipple



PART NO	MP	MP
B1111-02-02	1/8	1/8
B1111-04-02	1/4	1/8
B1111-04-04	1/4	1/4
B1111-06-02	3/8	1/8
B1111-06-04	3/8	1/4
B1111-06-06	3/8	3/8
B1111-08-04	1/2	1/4
B1111-08-06	1/2	3/8
B1111-08-08	1/2	1/2
B1111-12-08	3/4	1/2
B1111-12-12	3/4	3/4
B1111-16-16	1	1

B1113 Adaptor, Brass, NPT, 90 Elbow, Extruded



PART NO	FP	FP
B1113-02-02	1/8	1/8
B1113-04-04	1/4	1/4
B1113-06-06	3/8	3/8
B1113-08-08	1/2	1/2
B1113-12-12	3/4	3/4

B1114 Adaptor, Brass, NPT, Tee, Extruded



PART NO	FP	FP	FP
B1114-02-02-02	1/8	1/8	1/8
B1114-04-04-04	1/4	1/4	1/4
B1114-06-06-06	3/8	3/8	3/8
B1114-08-08-08	1/2	1/2	1/2
B1114-12-12-12	3/4	3/4	3/4



B1115 Adaptor, Brass, NPT, Branch Tee, Extruded



PART NO	FP	FP	MP
B1115-02-02-02	1/8	1/8	1/8
B1115-04-04-04	1/4	1/4	1/4
B1115-06-06-06	3/8	3/8	3/8
B1115-08-08-08	1/2	1/2	1/2
B1115-12-12-12	3/4	3/4	3/4

B1116 Adaptor, Brass, NPT, Run Tee, Extruded



PART NO	FP	MP	FP
B1116-02-02-02	1/8	1/8	1/8
B1116-04-04-04	1/4	1/4	1/4
B1116-06-06-06	3/8	3/8	3/8
B1116-08-08-08	1/2	1/2	1/2
B1116-12-12-12	3/4	3/4	3/4

B1117 Adaptor, Brass, NPT, 90° Elbow, Extruded



PART NO	FP	MP
B1117-02-02	1/8	1/8
B1117-04-02	1/4	1/8
B1117-04-04	1/4	1/4
B1117-06-06	3/8	3/8
B1117-06-06	3/8	3/8
B1117-08-08	1/2	1/2
B1117-12-12	3/4	3/4

B1118 Adaptor, Brass, NPT, 45° Elbow, Extruded



PART NO	FP	MP
B1113-02-02	1/8	1/8
B1113-04-04	1/4	1/4
B1113-06-06	3/8	3/8
B1113-08-08	1/2	1/2
B1113-12-12	3/4	3/4



B3701 Adaptor, Brass, Barb, Straight



PART NO	HOSE I.D.	MP
B3701-02-02	1/8	1/8
B3701-02-04	1/8	1/4
B3701-04-02	1/4	1/8
B3701-04-04	1/4	1/4
B3701-04-06	1/4	3/8
B3701-04-06	1/4	1/2
B3701-05-02	5/16	1/8
B3701-05-04	5/16	1/4
B3701-06-02	3/8	1/8
B3701-06-04	3/8	1/4
B3701-06-06	3/8	3/8
B3701-06-08	3/8	1/2
B3701-06-12	3/8	3/4
B3701-08-04	1/2	1/4
B3701-08-06	1/2	3/8
B3701-08-08	1/2	1/2
B3701-08-12	1/2	3/4
B3701-10-06	5/8	3/8
B3701-10-08	5/8	1/2
B3701-10-12	5/8	3/4
B3701-12-08	3/4	1/2
B3701-12-12	3/4	3/4
B3701-16-12	1	3/4
B3701-16-16	1	1

B3702 Adaptor, Brass, Barb, Straight, Hose Splicer



PART NO	HOSE I.D.	HOSE I.D.
B3702-02-02	1/8	1/8
B3702-04-04	1/4	1/4
B3702-05-05	5/16	5/16
B3702-06-06	3/8	3/8
B3702-08-08	1/2	1/2
B3702-10-10	5/8	5/8
B3702-12-12	3/4	3/4
B3702-16-16	1	1



B3801 Adaptor, Brass, PUSH-LOK, Straight



PART NO	HOSE I.D.	MP
B3801-04-02	1/4	1/8
B3801-04-04	1/4	1/4
B3801-04-06	1/4	3/8
B3801-06-02	3/8	1/8
B3801-06-04	3/8	1/4
B3801-06-06	3/8	3/8
B3801-06-08	3/8	1/2
B3801-08-04	1/2	1/4
B3801-08-06	1/2	3/8
B3801-08-08	1/2	1/2
B3801-08-12	1/2	3/4
B3801-10-06	5/8	3/8
B3801-10-08	5/8	1/2
B3801-10-12	5/8	3/4
B3801-12-08	3/4	1/2
B3801-12-12	3/4	3/4

B3802 Adaptor, Brass, PUSH-LOK, Straight, Female, SAE 45° Swivel



PART NO	HOSE I.D.	FSAE
B3802-04-04	1/4	1/4
B3802-04-06	1/4	3/8
B3802-05-06	5/16	3/8
B3802-06-06	3/8	3/8
B3802-06-08	3/8	1/2
B3802-08-06	1/2	3/8
B3802-08-08	1/2	1/2
B3802-12-12	3/4	3/4

B3803 Adaptor, Brass, PUSH-LOK, Straight, Female, JIC 37° Swivel



PART NO	HOSE I.D.	FJ
B3803-04-04	1/4	1/4
B3803-06-06	3/8	3/8
B3803-08-08	1/2	1/2
B3803-10-10	5/8	5/8
B3803-12-12	3/4	3/4



B4001 Adaptor, Brass, PTC, D.O.T., Straight



PART NO	TUBE	TUBE
B4001-2.5-2.5	5/32	5/32
B4001-04-04	1/4	1/4
B4001-06-06	3/8	3/8
B4001-08-08	1/2	1/2
B4001-10-10	5/8	5/8
B4001-12-12	3/4	3/4

B4002 Adaptor, Brass, PTC, D.O.T., Tee



PART NO	TUBE	TUBE	TUBE
B4002-04-04-04	1/4	1/4	1/4
B4002-06-04-06	3/8	1/4	3/8
B4002-06-06-06	3/8	3/8	3/8
B4002-08-08-08	1/2	1/2	1/2
B4002-10-10-10	5/8	5/8	5/8
B4002-12-12-12	3/4	3/4	3/4

B4003 Adaptor, Brass, PTC, D.O.T., 90° Elbow



PART NO	TUBE	TUBE
B4003-04-04	1/4	1/4
B4003-06-06	3/8	3/8
B4003-08-08	1/2	1/2

B4004 Adaptor, Brass, PTC, D.O.T., Straight



PART NO	TUBE	FP
B4004-04-02	1/4	1/8
B4004-04-04	1/4	1/4
B4004-06-04	3/8	1/4
B4004-06-06	3/8	3/8
B4004-08-06	1/2	3/8
B4004-08-08	1/2	1/2



B4005 Adaptor, Brass, PTC, D.O.T., Straight



PART NO	TUBE	MP
B4005-02.5-02	5/32	1/8
B4005-04-02	1/4	1/8
B4005-04-04	1/4	1/4
B4005-04-06	1/4	3/8
B4005-06-02	3/8	1/8
B4005-06-04	3/8	1/4
B4005-06-06	3/8	3/8
B4005-06-08	3/8	1/2
B4005-08-04	1/2	1/4
B4005-08-06	1/2	3/8
B4005-08-08	1/2	1/2
B4005-10-06	5/8	3/8
B4005-10-08	5/8	1/2
B4005-12-08	3/4	1/2
B4005-12-12	3/4	3/4

B4006 Adaptor, Brass, PTC, D.O.T., 90° Elbow



PART NO	TUBE	MP
B4006-04-02	1/4	1/8
B4006-04-04	1/4	1/4
B4006-04-06	1/4	3/8
B4006-06-02	3/8	1/8
B4006-06-04	3/8	1/4
B4006-06-06	3/8	3/8
B4006-06-08	3/8	1/2
B4006-08-04	1/2	1/4
B4006-08-06	1/2	3/8
B4006-08-08	1/2	1/2





B4007

Adaptor, Brass, PTC, D.O.T., 90° Elbow, Swivel



PART NO	TUBE	MPX
B4007-04-02	1/4	1/8
B4007-04-04	1/4	1/4
B4007-04-06	1/4	3/8
B4007-06-02	3/8	1/8
B4007-06-04	3/8	1/4
B4007-06-06	3/8	3/8
B4007-06-08	3/8	1/2
B4007-08-04	1/2	1/4
B4007-08-06	1/2	3/8
B4007-08-08	1/2	1/2
B4007-12-08	3/4	1/2
B4007-12-12	3/4	3/4

B4008

Adaptor, Brass, PTC, D.O.T., Run Tee



PART NO	TUBE ①	MP	TUBE ②
B4008-04-02-04	1/4	1/8	1/4
B4008-04-04-04	1/4	1/4	1/4
B4008-06-04-06	3/8	1/4	3/8
B4008-06-06-06	3/8	3/8	3/8
B4008-08-06-08	1/2	3/8	1/2

B4009

Adaptor, Brass, PTC, D.O.T., Run Tee, Swivel



PART NO	TUBE ①	MPX	TUBE ②
B4009-04-02-04	1/4	1/8	1/4
B4009-04-04-04	1/4	1/4	1/4
B4009-06-06-06	3/8	3/8	3/8
B4009-08-06-08	1/2	3/8	1/2
B4009-08-08-08	1/2	1/2	1/2

B4010

Adaptor, Brass, PTC, D.O.T., Branch Tee



PART NO	TUBE ①	TUBE ②	MP
B4010-04-04-02	1/4	1/4	1/8
B4010-04-04-04	1/4	1/4	1/4
B4010-06-06-02	3/8	3/8	1/8
B4010-06-06-04	3/8	3/8	1/4
B4010-06-06-06	3/8	3/8	3/8
B4010-08-08-04	1/2	1/2	1/4
B4010-08-08-06	1/2	1/2	3/8

For D.O.T. Air Brake Tube

B4011 Adaptor, Brass, PTC, D.O.T., Branch Tee, Swivel



PART NO	TUBE ①	TUBE ②	MPX
B4011-04-04-02	1/4	1/4	1/8
B4011-04-04-04	1/4	1/4	1/4
B4011-06-06-04	3/8	3/8	1/4
B4011-06-06-06	3/8	3/8	3/8
B4011-08-08-04	1/2	1/2	1/4
B4011-08-08-06	1/2	1/2	3/8
B4011-08-08-08	1/2	1/2	1/2

B4012 Adaptor, Brass, PTC, D.O.T., 45° Elbow



PART NO	TUBE	MP
B4012-04-02	1/4	1/8
B4012-04-04	1/4	1/4
B4012-06-02	3/8	1/8
B4012-06-04	3/8	1/4
B4012-06-06	3/8	3/8
B4012-06-08	3/8	1/2
B4012-08-04	1/2	1/4
B4012-08-06	1/2	3/8
B4012-08-08	1/2	1/2
B4012-08-06	1/2	3/8
B4012-08-08	1/2	1/2

B4013 Adaptor, Brass, PTC, D.O.T., 45° Elbow, Swivel



PART NO	TUBE	MPX
B4013-04-02	1/4	1/8
B4013-04-04	1/4	1/4
B4013-06-02	3/8	1/8
B4013-06-04	3/8	1/4
B4013-06-06	3/8	3/8
B4013-06-08	3/8	1/2
B4013-08-04	1/2	1/4
B4013-08-06	1/2	3/8
B4013-08-08	1/2	1/2
B4013-12-12	3/4	3/4



B4201 Adaptor, Brass, Compression, D.O.T., Sleeve



PART NO	TUBE
B4201-04	1/4
B4201-06	3/8
B4201-08	1/2
B4201-10	5/8
B4201-12	3/4

B4202 Adaptor, Brass, Compression, D.O.T., Nut



PART NO	TUBE
B4202-04	1/4
B4202-06	3/8
B4202-08	1/2
B4202-10	5/8
B4202-12	3/4

B4203 Adaptor, Brass, Compression, D.O.T., Straight



PART NO	TUBE	TUBE
B4203-04-04	1/4	1/4
B4203-06-06	3/8	3/8
B4203-08-08	1/2	1/2
B4203-10-10	5/8	5/8
B4203-12-12	3/4	3/4

B4204 Adaptor, Brass, Compression, D.O.T., Tee



PART NO	TUBE ①	TUBE ②	TUBE ③
B4204-04-04-04	1/4	1/4	1/4
B4204-06-06-04	3/8	3/8	1/4
B4204-06-06-06	3/8	3/8	3/8
B4204-06-06-08	3/8	3/8	1/2
B4204-08-08-06	1/2	1/2	3/8
B4204-08-08-08	1/2	1/2	1/2
B4204-10-10-10	5/8	5/8	5/8
B4204-12-12-12	3/4	3/4	3/4



B4205 Adaptor, Brass, Compression DOT, Straight



PART NO	TUBE	MP
B4205-04-02	1/4	1/8
B4205-04-04	1/4	1/4
B4205-04-06	1/4	3/8
B4205-04-08	1/4	1/2
B4205-06-02	3/8	1/8
B4205-06-04	3/8	1/4
B4205-06-06	3/8	3/8
B4205-06-08	3/8	1/2
B4205-08-04	1/2	1/4
B4205-08-06	1/2	3/8
B4205-08-08	1/2	1/2
B4205-08-12	1/2	3/4
B4205-10-06	5/8	3/8
B4205-10-08	5/8	1/2
B4205-10-12	5/8	3/4
B4205-12-08	3/4	1/2
B4205-12-12	3/4	3/4

B4206 Adaptor, Brass, Compression DOT, 90° Elbow



PART NO	TUBE	MP
B4206-04-02	1/4	1/8
B4206-04-04	1/4	1/4
B4206-04-06	1/4	3/8
B4206-04-08	1/4	1/2
B4206-06-02	3/8	1/8
B4206-06-04	3/8	1/4
B4206-06-06	3/8	3/8
B4206-06-08	3/8	1/2
B4206-08-04	1/2	1/4
B4206-08-06	1/2	3/8
B4206-08-08	1/2	1/2
B4206-10-06	5/8	3/8
B4206-10-08	5/8	1/2
B4206-10-12	5/8	3/4
B4206-12-08	3/4	1/2
B4206-12-12	3/4	3/4



B4207 Adaptor, Brass, Compression DOT, Run Tee



PART NO	TUBE ①	MP	TUBE ②
B4207-04-02-02	1/4	1/8	1/8
B4207-04-04-04	1/4	1/4	1/4
B4207-06-04-06	3/8	1/4	3/8
B4207-06-06-06	3/8	3/8	3/8
B4207-08-06-08	1/2	3/8	1/2
B4207-08-08-08	1/2	1/2	1/2
B4207-12-08-12	3/4	1/2	3/4

B4208 Adaptor, Brass, Compression DOT, Branch Tee



PART NO	TUBE ①	TUBE ②	MP
B4208-04-04-02	1/4	1/4	1/8
B4208-04-04-04	1/4	1/4	1/4
B4208-06-04-04	3/8	1/4	1/4
B4208-06-06-02	3/8	3/8	1/8
B4208-06-06-04	3/8	3/8	1/4
B4208-06-06-06	3/8	3/8	3/8
B4208-08-08-04	1/2	1/2	1/4
B4208-08-08-06	1/2	1/2	3/8
B4208-08-08-08	1/2	1/2	1/2
B4208-10-10-06	5/8	5/8	3/8
B4208-10-10-08	5/8	5/8	1/2
B4208-12-12-12	3/4	3/4	3/4

B4209 Adaptor, Brass, Compression DOT, 45° Elbow



PART NO	TUBE	MP
B4209-04-02	1/4	1/8
B4209-04-04	1/4	1/4
B4209-06-02	3/8	1/8
B4209-06-04	3/8	1/4
B4209-06-06	3/8	3/8
B4209-06-08	3/8	1/2
B4209-08-04	1/2	1/4
B4209-08-06	1/2	3/8
B4209-08-08	1/2	1/2
B4209-10-08	5/8	1/2



Brass D.O.T. Air Brake Hose Couplings and Terminal Bolts

B4601 Adaptor, Brass, DOT Hose Coupling, Sleeve



PART NO HOSE I.D.

B4601-06	3/8
B4601-08	1/2

B4602 Adaptor, Brass, DOT Hose Coupling, Nut



PART NO HOSE I.D.

B4602-06	3/8
B4602-08	1/2

B4603 Adaptor, Brass, DOT Hose Coupling, Straight



PART NO HOSE I.D. MP

B4603-06-04	3/8	1/4
B4603-06-06	3/8	3/8
B4603-06-08	3/8	1/2
B4603-08-06	1/2	3/8
B4603-08-08	1/2	1/2

B4605 Adaptor, Brass, DOT Hose Coupling, Straight, Spring



PART NO HOSE I.D. MP

B4605-06-04	3/8	1/4
B4605-06-06	3/8	3/8
B4605-06-08	3/8	1/2
B4605-08-06	1/2	3/8
B4605-08-08	1/2	1/2



and Terminal Bolts

B4606 Adaptor, Brass, DOT Hose Coupling, Straight MHAB



PART NO	MHAB	MP
B4606-06-04	3/8	1/4
B4606-06-06	3/8	3/8
B4606-06-08	3/8	1/2
B4606-08-06	1/2	3/8
B4606-08-08	1/2	1/2

B4607 Adaptor, Brass, DOT Hose Coupling, Straight, FHABX



PART NO	HOSE I.D.	FHABX
B4607-06-06	3/8	3/8
B4607-08-08	1/2	1/2

B4608 Adaptor, Brass, DOT Hose Coupling, Straight, MPX



PART NO	HOSE I.D.	MP(X)
B4608-06-04	3/8	1/4
B4608-06-06	3/8	3/8
B4608-06-08	3/8	1/2
B4608-08-06	1/2	3/8

B1112 Adaptor, Brass, NPT, Terminal Bolt



PART NO	FP	FP
B1112-02-02	1/8	1/8
B1112-04-04	1/4	1/4
B1112-06-06	3/8	3/8
B1112-08-08	1/2	1/2



SAFETY GUIDE



WARNING

Death, life-changing injury, and destruction of property can result from failure, improper use, or improper selection of hose, tubing, fittings, adaptors, accessories and assemblies.

Possible outcomes include:



- Hose failure and blow out.
- Fluids discharged at high velocity.
- Fittings blown away at high velocity.
- Ignition or explosion of fluid.
- Impact with abruptly descending or moving objects that were held or transported by conveying fluid.
- Dangerously "whipping" hose.
- Electric shock from high-voltage power lines or other electrical sources.
- Flashes or explosions resulting from the accumulation of static electricity.
- Flashes or explosions occurring while applying paint or other flammable liquids.
- Personal contact with conveyed fluids that can be toxic, cold, hot or potentially harmful.

A FLUID INJECTION IS A CRITICAL EMERGENCY



DANGER - FLUID INJECTION

Fluid injection injuries can lead to gangrene, loss of limb, or death.

NEVER CHECK FOR LEAKS BY HAND OR GLOVE

Critical information for Emergency Room doctors:

- Type of fluid
- Pressure of injected fluid
- Amount of fluid injected
- Time between injection and treatment

**DO NOT LEAVE THE HOSPITAL UNTREATED
EVEN IF THERE ARE MINIMAL OUTWARD SIGNS
OF INJURY**

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN, CAN CAUSE DEATH, PERSONAL INJURY AND DESTRUCTION OF PROPERTY.

This document, along with other information provided by GryphonFlex, its affiliated companies, and authorized distributors, offers product or system options for users with technical expertise to investigate further.

The user is entirely responsible for the final selection of the system and its components, ensuring that all performance, endurance, maintenance, safety, and warning requirements for the application are met. The user must thoroughly analyze the application, adhere to relevant industry standards, and consult the product catalog and any additional materials from GryphonFlex or its affiliates or authorized distributors.

If GryphonFlex or its affiliates or authorized distributors offer component or system options based on data or specifications supplied by the user, it is the user's responsibility to ensure that these data and specifications are appropriate and adequate for all intended applications and foreseeable uses of the components.

Offer of Sale

The items described in this document are offered for sale by GryphonFlex, its related companies, or its authorized distributors. The terms of this offer and its acceptance are subject to the provisions outlined herein.

Warranty

GryphonFlex hose, fittings and adaptors are warranted to be free from defects in material or workmanship. This warranty is automatically voided where damage occurs due to improper use, abuse, misuse, inadequate maintenance or failure to follow installation, use and service recommendations.

Hose Shelf Life

The shelf life of rubber materials can be influenced by the storage environment. Quantifying shelf life can be challenging due to the numerous variables affecting the hose. By following proper storage precautions, the shelf life can range from three to five years. However, beyond this period, there may be a notable decline in service life, depending on storage conditions.

Factors that can impact this include:

TEMPERATURE: The hose should be kept in a cool, dry location where the temperature does not exceed 100°F (38°C). If stored in freezing conditions, the hose may need to be warmed before handling, testing, or using it.

EXPOSURE: Avoid direct sunlight, rain, heaters, or placement near electrical equipment.

ENVIRONMENTAL FACTORS: Be mindful of humidity and ozone levels.

CHEMICALS: Keep the hose away from oil, solvents, corrosive materials, or fumes.

PESTS: Protect the hose from insects or rodents.

RADIOACTIVITY: Ensure the storage area is free from radioactivity.

SPACE AND HANDLING: Allow adequate space and avoid sharp bends to prevent damage.

Keep the hose in its original container and avoid stacking it too high, as excessive weight can crush the hoses at the bottom of the stack.

We strongly recommend that hoses in extended storage be visually inspected and tested before use. Hoses that appear to be in marginal condition should be replaced to prevent potential failures, property damage, or personal injury. Store hoses using a first-in/first-out approach. Prolonged storage or poor storage conditions can degrade the hose, reduce its performance, and increase the risk of premature failure.

ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED. IN NO EVENT WILL GRYPHONFLEX BE LIABLE TO ANY PARTY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY AND INDIRECT DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, REGARDLESS OF WHETHER SUCH DAMAGES WERE REASONABLY FORESEEABLE, OR WHETHER GRYPHONFLEX HAD KNOWLEDGE THAT THEY COULD OCCUR.