AYAGON®
válvulas · fittings · cañerías

Jomar® VALVE

Valves and component solutions

CSA Certified

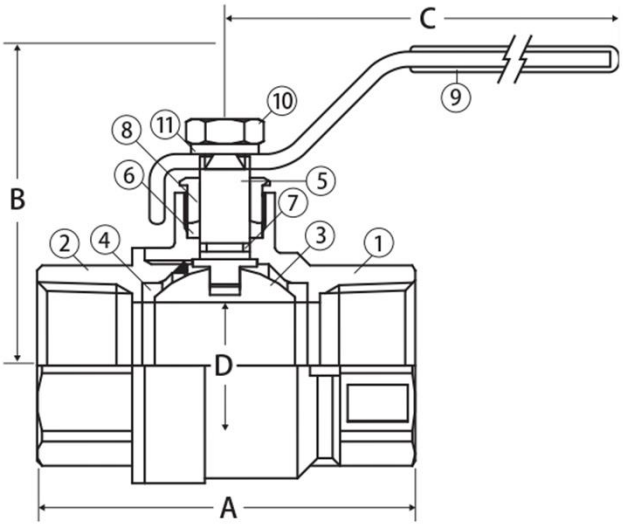
Jomar VALVE · STONETOWN · TUPY · WORK SEALING · KUNKLE

Brass Ball Valve

2 Piece • Full Port • Threaded Connection • 600 WOG

JF-100T

CRN# 0C16654.5



Features

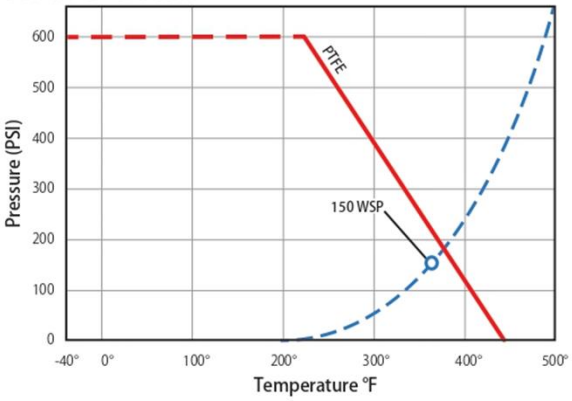
- Gland follower and single o-ring stem design
- Blow-out proof stem
- 100% leak tested

Approvals

- UL Listed up to 175 PSI (1/4" - 2")
  - MHKZ - Manual valves
  - YRPV - Gas shut-off valves
- CSA Certified
  - CGA 3.16 (125 PSIG)
  - ANSI Z21.15 (.5 PSIG)
  - CGA CR91 (5 PSIG)
  - ASME B16.44 (5 PSIG)
  - ASME B16.33 (125 PSIG) (1/2" - 2")
  - ASME B16.38 (125 PSIG) (2-1/2" - 4")
- FM Approval (1/4" - 2")
- MSS SP-110
- ANSI B1.20.1

Valve Seat Rating

600 WOG - 150 WSP



Material Specifications

No.	Part	Materials
1	Body	Brass - C37700
2	End Connection	Brass - C37700
3	Ball	Chrome Plated Brass - C37700
4	Seat (2)	PTFE
5	Stem*	Brass - C37700
6	Packing	PTFE
7	Stem O-ring	Buna-N
8	Packing Gland	Brass - C37700
9	Handle	Steel - Chrome Plated
10	Handle Nut	Steel - Chrome Plated
11	Lock Washer	Steel - Chrome Plated

* 3" and 4" have 304 stainless steel stem

Dimensions

Part No.	Size	A	B	C	D
100-101	1/4"	1.73	1.69	3.35	0.39
100-102	3/8"	1.73	1.69	3.35	0.39
100-103	1/2"	2.28	1.81	3.35	0.59
100-104	3/4"	2.52	2.36	4.29	0.75
100-105	1"	2.97	2.52	4.29	0.98
100-106	1-1/4"	3.44	2.52	5.63	1.26
100-107	1-1/2"	3.88	2.72	5.63	1.57
100-108	2"	4.29	3.03	5.63	1.97
100-109	2-1/2"	5.59	4.25	7.76	2.52
100-110	3"	6.34	4.92	8.37	2.95
100-111	4"	7.83	5.85	9.25	3.90

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and lead, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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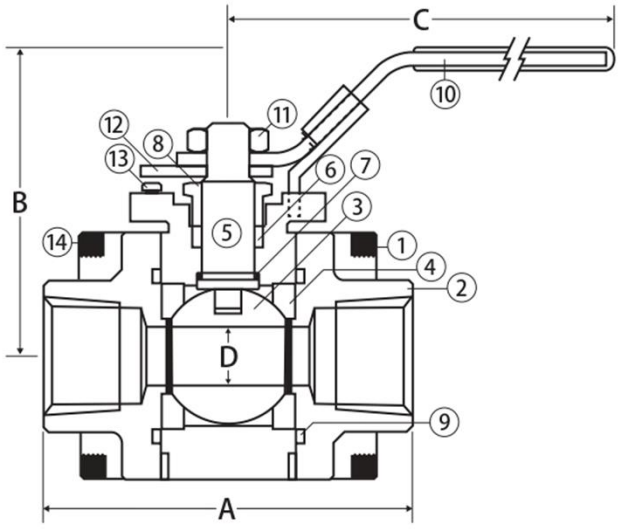
Stainless Steel Ball Valve

3 Piece 4 Bolt Enclosed • Standard Port • Threaded Connection • 2000 WOG

T-SS-2001N-4B



Features

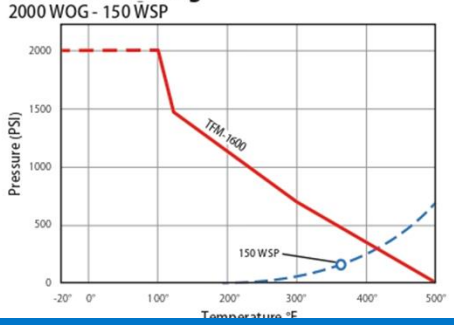
- Latch lock handle may be locked in open or closed position
- Solid ball construction
- Blow out proof stem
- 29 in-Hg vacuum rating
- Fire safe rated
- 100% leak tested
- Wetted surfaces contain less than .25% lead content
- Repair kits available

Approvals

- UL Listed
  - MHKZ - Manual valves
  - YQNZ - Compressed gas shut-off valves
  - YRBX - Flammable liquid shut-off valves
  - YRPV - Gas shut-off valves
  - YSDT - LP gas shut-off valves
  - YQAR - Anhydrous ammonia shut-off valves
- API 607 (4th edition) - Fire Safe Rated
- Conforms to API 598
- MSS SP-110, SP-61, SP-81
- NACE Certified
- ASME B16.34 (1/2" - 1-1/2")
- ANSI B1.20.1
- ANSI B16.11

Valve Seat Rating

2000 WOG - 150 WSP



Material Specifications

No.	Part	Materials
1	Body	CF8M Stainless Steel
2	End Cap (2)	CF8M Stainless Steel
3	Ball	CF8M Stainless Steel
4	Seat (2)	Hostaflon® TFM 1600
5	Stem	316 Stainless Steel
6	Packing (2)	RPTFE
7	Stem Seal	Hostaflon® TFM 1600
8	Packing Gland	304 Stainless Steel
9	Body Seal (2)	Grafoil
10	Handle	304 Stainless Steel
11	Handle Nut	304 Stainless Steel
12	Stop Plate	304 Stainless Steel
13	Lock Pin	304 Stainless Steel
14	Body Bolt (8)	A193-B8 Stainless Steel

Dimensions

Part No.	Size	A	B	C	D	Torque
601-603	1/2"	2.72	2.47	4.15	0.43	85
601-604	3/4"	2.94	2.70	4.15	0.55	150
601-605	1"	3.50	3.19	5.00	0.81	180
601-606	1-1/4"	3.90	3.64	5.98	0.98	210
601-607	1-1/2"	4.42	3.88	7.76	1.25	320
601-608	2"	5.04	4.09	7.76	1.50	440

WARNING: This product can expose you to chemicals including diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and diisononyl phthalate (DINP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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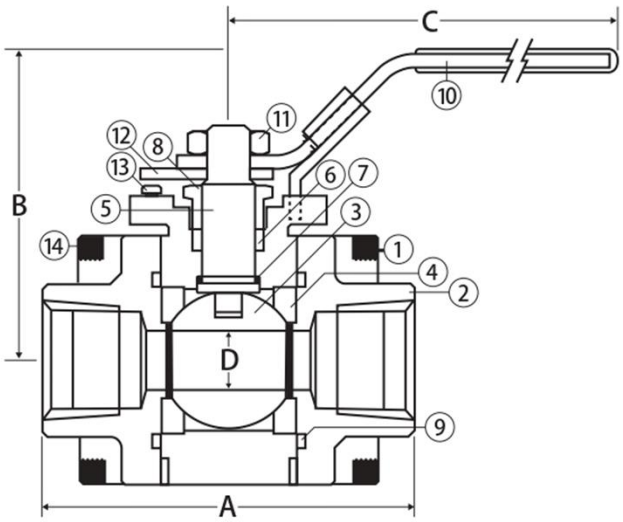
Carbon Steel Ball Valve

3 Piece 4 Bolt Enclosed • Standard Port • Threaded Connection • 2000 WOG • Stainless Steel Ball and Stem

T-CS-2001N-SS-4B



Features

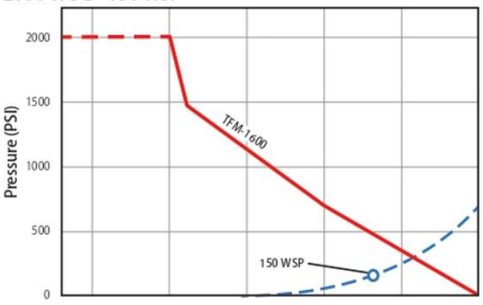
- Latch lock may be locked in open or closed position
- Solid ball construction
- Blow out proof stem
- 29 in-Hg vacuum rating
- Fire safe rated
- 100% leak tested
- Wetted surfaces contain less than .25% lead content
- Repair kits available

Approvals

- UL Listed
  - MHKZ - Manual valves
  - YQNZ - Compressed gas shut-off valves
  - YRBX - Flammable liquid shut-off valves
  - YRPV - Gas shut-off valves
  - YSDT - LP gas shut-off valves
  - YQAR - Anhydrous ammonia shut-off valves
- API 607 (4th edition) - fire safe rated
- Conforms to API 598
- NACE Certified
- MSS SP-110, SP-61, SP-82
- ASME B16.34 (1/2" - 1-1/2")
- ANSI B1.20.1
- ANSI B16.11

Valve Seat Rating

2000 WOG - 150 WSP



Material Specifications

No.	Part	Materials
1	Body	WCB Carbon Steel
2	End Cap (2)	WCB Carbon Steel
3	Ball	CF8M Stainless Steel
4	Seat (2)	Hostaflon® TFM 1600
5	Stem	316 Stainless Steel
6	Packing (2)	RPTFE
7	Stem Seal	Hostaflon® TFM 1600
8	Packing Gland	1045 Carbon Steel
9	Body Seal (2)	Grafoil
10	Handle	A283 Carbon Steel
11	Handle Nut	304 Stainless Steel
12	Stop Plate	304 Stainless Steel
13	Lock Pin	304 Stainless Steel
14	Body Bolt (8)	A193-B7 Steel

Dimensions

Part No.	Size	A	B	C	D	Torque
601-613	1/2"	2.72	2.47	4.15	0.43	85
601-614	3/4"	2.94	2.70	4.15	0.55	150
601-615	1"	3.50	3.19	5.00	0.81	180
601-616	1-1/4"	3.90	3.64	5.98	0.98	210
601-617	1-1/2"	4.42	3.88	7.76	1.25	320
601-618	2"	5.04	4.09	7.76	1.50	440

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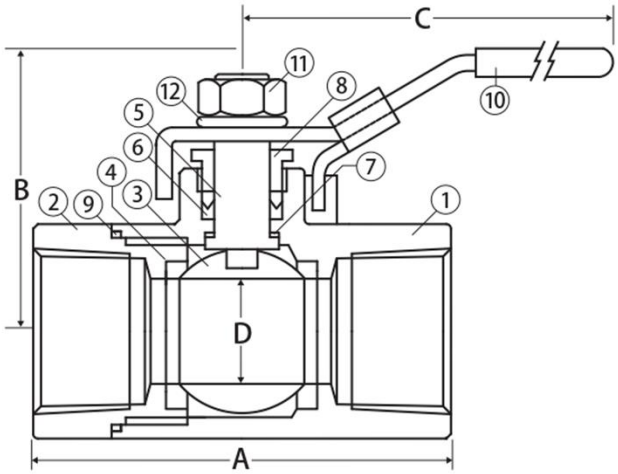
Stainless Steel Ball Valve

2 Piece • Standard Port • Threaded Connection • 2000 WOG

T-SS-2000N



Features

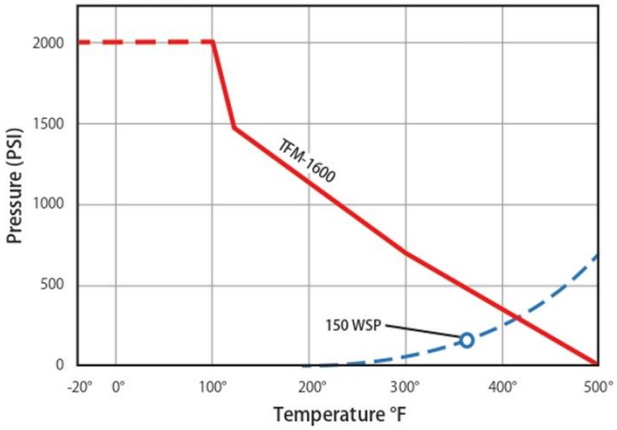
- Solid ball construction
- 29 in-Hg vacuum rating
- Latch lock may be locked in open or closed position
- 100% leak tested
- Wetted surfaces contain less than .25% lead content

Approvals

- UL Listed
  - MHKZ - Manual valves
  - YQNZ - Compressed gas shut-off valves
  - YRBX - Flammable liquid shut-off valves
  - YRPV - Gas shut-off valves
  - YSDT - LP gas shut-off valves
  - YQAR - Anhydrous ammonia shut-off valves
- Conforms to API 598
- ANSI B1.20.1
- MSS SP-110
- NACE Certified

Valve Seat Rating

2000 WOG - 150 WSP



Material Specifications

No.	Part	Materials
1	Body	CF8M Stainless Steel
2	End Connection	CF8M Stainless Steel
3	Ball	CF8M Stainless Steel
4	Seat (2)	Hostaflon® TFM 1600
5	Stem	316 Stainless Steel
6	Packing (2)	RPTFE
7	Stem Seal	Hostaflon® TFM 1600
8	Packing Gland	316 Stainless Steel
9	Body Seal	Hostaflon® TFM 1600
10	Handle	304 Stainless Steel
11	Handle Nut	304 Stainless Steel
12	Lock Washer	304 Stainless Steel

Dimensions

Part No.	Size	A	B	C	D	Torque
100-931	1/4"	2.07	1.76	4.33	0.37	35
100-932	3/8"	2.07	1.76	4.33	0.37	35
100-933	1/2"	2.34	1.92	4.33	0.50	65
100-934	3/4"	2.80	2.40	5.83	0.69	100
100-935	1"	3.23	2.56	5.83	0.87	120
100-936	1-1/4"	3.57	2.74	7.76	1.00	210
100-937	1-1/2"	4.04	2.98	7.76	1.25	300
100-938	2"	4.63	3.17	7.76	1.50	400

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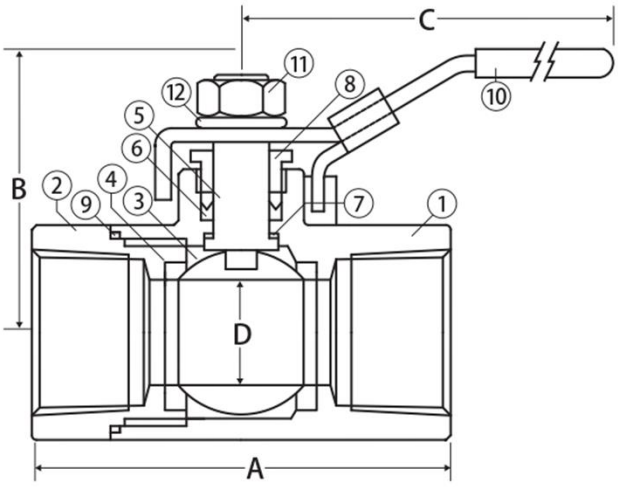
Carbon Steel Ball Valve

2 Piece • Standard Port • Threaded Connection • 2000 WOG • Stainless Steel Ball and Stem

T-CS-2000N-SS



Features

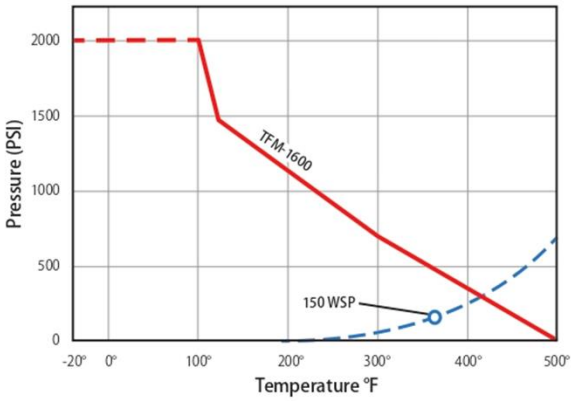
- Solid ball construction
- 29 in-Hg vacuum rating
- Latch lock may be locked in open or closed position
- 100% leak tested
- Wetted surfaces contain less than .25% lead content

Approvals

- UL Listed
  - MHKZ - Manual valves
  - YQNZ - Compressed gas shut-off valves
  - YRBX - Flammable liquid shut-off valves
  - YRPV - Gas shut-off valves
  - YSDT - LP gas shut-off valves
  - YQAR - Anhydrous ammonia shut-off valves
- Conforms to API 598
- ANSI B1.20.1
- NACE Certified
- MSS SP-110

Valve Seat Rating

2000 WOG - 150 WSP



Material Specifications

No.	Part	Materials
1	Body	WCB Carbon Steel
2	End Connection	WCB Carbon Steel
3	Ball	CF8M Stainless Steel
4	Seat (2)	Hostaflon® TFM 1600
5	Stem	316 Stainless Steel
6	Packing (2)	RPTFE
7	Stem Seal	Hostaflon® TFM 1600
8	Packing Gland	12L14 Carbon Steel
9	Body Seal	Hostaflon® TFM 1600
10	Handle	A283 Carbon Steel
11	Handle Nut	A283 Carbon Steel
12	Lock Washer	A283 Carbon Steel

Dimensions

Part No.	Size	A	B	C	D	Torque
100-951	1/4"	2.07	1.76	4.33	0.37	35
100-952	3/8"	2.07	1.76	4.33	0.37	35
100-953	1/2"	2.34	1.92	4.33	0.50	65
100-954	3/4"	2.80	2.40	5.83	0.69	100
100-955	1"	3.23	2.56	5.83	0.87	120
100-956	1-1/4"	3.57	2.74	7.76	1.00	210
100-957	1-1/2"	4.04	2.98	7.76	1.25	300
100-958	2"	4.63	3.17	7.76	1.50	400

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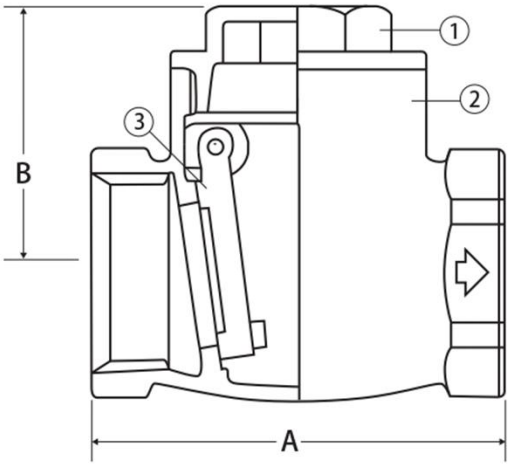
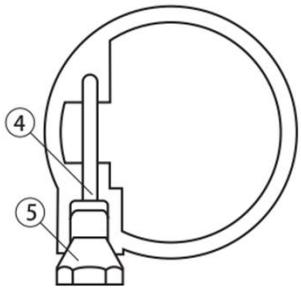
Brass Horizontal Swing Check Valve

Threaded Connection • 200 WOG • Class 125

T-501





Features
- Residential and commercial applications

Approvals
- ANSI B1.20.1

Pressure Rating
- 200 WOG

Install 5 pipe diameter minimum downstream from pump discharge or changes in direction to avoid flow turbulence. Flow straighteners may be required in extreme cases.

Note: On pump discharge, the preferred check valves are: inline, spring assisted, center-guided, lift checks.

Warning: Do Not Use For Reciprocating Air Compressor Service

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and lead, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Material Specifications

No.	Part	Materials
1	Cap	Cast Brass
2	Body	Cast Brass
3	Disc	Forged Brass
4	Hinge Pin	Brass
5	Screw	Brass

Dimensions

Part No.	Size	A	B
105-103	1/2"	2.13	1.54
105-104	3/4"	2.33	1.62
105-105	1"	2.72	1.77
105-106	1-1/4"	3.11	2.01
105-107	1-1/2"	3.51	2.25
105-108	2"	4.30	2.68
105-109	2-1/2"	5.32	3.35
105-110	3"	6.30	3.86
105-111	4"	7.49	4.53

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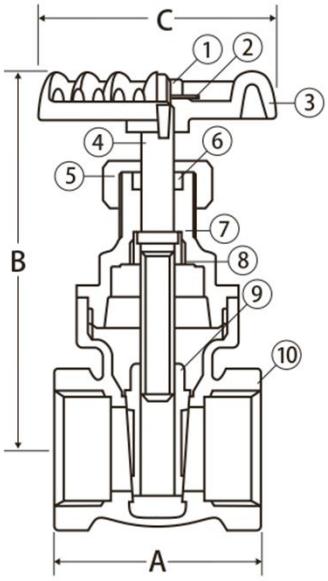
Brass Gate Valve

Non-rising Stem • Threaded Connection • 200 WOG

T-301



Features

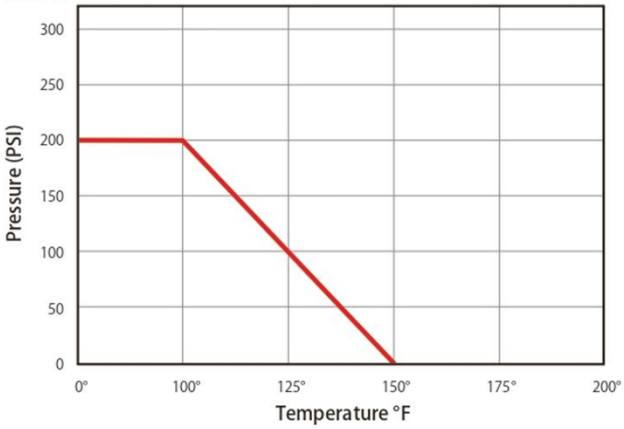
- Manufactured in ISO-9001 facility
- Solid wedge gate

Approvals

- ANSI B1.20.1

Pressure Rating

200 WOG



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and lead, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Material Specifications

No.	Part	Materials
1	Handle Nut	Steel
2	Name Plate	Aluminum
3	Hand Wheel	Cast Iron
4	Stem	Brass
5	Packing Nut	Brass
6	Gland Packing	Buna-N
7	Bonnet	Cast Brass
8	Lock Nut	Brass
9	Disc	Cast Brass
10	Body	Cast Brass

Dimensions

Part No.	Size	A	B	C
103-303	1/2"	1.69	2.84	2.13
103-304	3/4"	1.85	3.31	2.13
103-305	1"	2.17	3.94	2.52
103-306	1-1/4"	2.40	4.57	2.75
103-307	1-1/2"	2.52	4.84	3.07
103-308	2"	2.83	5.90	3.54
103-309	2-1/2"	3.51	7.33	4.14
103-310	3"	3.98	8.75	5.12
103-311	4"	4.57	10.17	6.78

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Thread Sealant

Slow-Drying Soft-Set General Purpose Thread Sealant

Green Stuff

Part #	Size	Case Qty
400-101	2 oz tube	72
400-102	4 oz can	24
400-103	8 oz can	24
400-104	16 oz can	12
400-105	32 oz can	12

Description

Jomar's Green Stuff is a slow drying, soft setting, non-hardening pipe thread compound. It will not transfer taste or odor to the system being sealed. Excellent for food and water systems. It is lead free, anti-galling, non-corrosive, nontoxic, and will not harden in can.

Temperature and Pressure Ratings

Brushable to: -50°F (-45°C)
Temperature Range: -50°F to 400°F (-45°C to 204°C)
Pressure Ratings: Gas – 3000 PSI (211 kg/cm^2)
Liquid – 6000 PSI (422 kg/cm^2)
VOC: 342 g/l

Approvals

- NSF Certified
  - NSF 14 (PW, DWV, SW)
  - NSF 61 (C.HOT 180°F)
  - NSF 372
- CSA Certified (1/4" – 2")
  - CAN/ULC-S642 (125 PSIG)
  - ANSI LC7 (125 PSIG)
- Meets Mil. Spec. TT-S-1732

Directions

Stir well before using. Clean threads. Brush liberally onto male threads only. Apply appropriate torque to joint as required.

Recommended for use with:

- Acids, Diluted
- Air, Compressed Gaseous
- Alkalis, Diluted
- Ammonia
- Aliphatic Solvents
- Brine
- Butane
- Carbon Dioxide
- Castor Oils
- Chlorinated Water
- Coal Tar Naphtha
- Cutting Oils
- Diesel Fuel Oil
- Freon (All)
- Gasoline*
- Glycol
- Heating Oils
- Helium Gaseous
- Hydraulic Oils
- Hydrogen
- Inert Gases, Gaseous
- Jet Fuel (JP 3,4,5)
- Kerosene
- Lacquer
- Liquefied Petroleum Gases
- Manufactured Gases
- Mineral Oils
- Natural Gas
- Nitrogen, Gaseous
- Petroleum Solvents
- Propane
- Refrigeration Gases
- Soap, Liquid
- Steam Lines
- Sugar, Liquid
- Vegetable Oils
- Water (Hot or Cold)

NOT FOR USE ON OXYGEN SYSTEMS

*Contact Jomar for compatible blends

Recommended for use on:

- All types of metal
- ABS
- PVC
- CPVC
- Delrin
- Zytel
- Fiberglass
- Nylon
- Polypropylene
- Polybutylene
- Polyethylene

WARNING Precautionary Statements
P264: Wash skin thoroughly after handling. **P280:** Wear protective gloves and eye protection. **P303 + P361:** IF ON SKIN, immediately remove all contaminated clothing and wash before reuse. **P305 + P351:** IF IN EYES, remove contact lenses if present and easy to do so, rinse with water for several minutes. **P337 + P313:** If eye or skin irritation persists – get medical advice/attention. **P403 + P223:** Store in a cool, well-ventilated place. Keep container tightly closed.

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Thread Sealant

High Temperature Anti-Seize Lubricant and Thread Sealant

Hi-Temp

Part #	Size	Case Qty
400-403	8 oz can	24
400-404	16 oz can	12

Description

Jomar's Hi-Temp is a copper based anti-seize lubricant and thread sealant. It produces a permanent leak-proof metallic seal under pressure, yet prevents seizing, galling, freezing, and tearing, even under extreme conditions. It is lead free, non-corrosive, nontoxic, and will not harden in can.

Temperature and Pressure Ratings

Brushable to: 10°F (-12°C)
Pour point: 32°F (0°C)
Temperature Range: 0°F to 1800°F (-17°C to 982°C)
Pressure Ratings: Gas – 3000 PSI (211 kg/cm^2)
Liquid – 10,000 PSI (703 kg/cm^2)

Approvals

Meets Mil. Spec. MIL-A-907D

Directions

Do not dilute. Stir well before using. Clean mating surfaces. Brush onto mating surfaces.
Make up joint and apply appropriate torque if required.
Keep container closed at all times when not in use to avoid contamination.

Recommended for use with:

- Air, Compressed Gaseous
- Alkalis, Diluted
- Ammonia
- Brine
- Carbon Dioxide
- Chlorinated Water
- Corrosives
- Fatty Acids (Liquids)
- Freon (All)
- Inert Gases, Gaseous
- Natural Gas
- Nitrogen, Gaseous
- Refrigeration Gases
- Soap, Liquid
- Steam Lines
- Sugar, Liquid
- Water (Hot or Cold)

NOT FOR USE ON OXYGEN SYSTEMS

Recommended for use on:

- All types of metal
- Pipe threads
- Bearings
- Bushings
- Drill collars
- Gear reducers
- Couplings
- Seals
- Studs
- Bolts
- Valve seats
- Valve stems
- Valve packing assemblies
- Valve gate assemblies
- Key ways

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