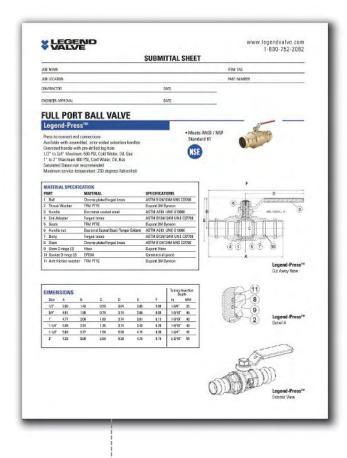


## PRODUCT SPECIFICATIONS & SUBMITTAL SHEETS

## AVAILABLE ONLINE



YOU MAY SEARCH BY:
ITEM NUMBER
MODEL NUMBER
OR CATALOG SECTION

The newly enhanced Legend Valve website enables our customers to readily access a wide range of fluid handling products suited for a myriad of applications.

Whether you are searching for a 2000 CWP Carbon or Stainless Steel Ball Valve or a 12" Thermoplastic Butterfly Valve, you'll find it here 24/7. Be sure to check our New Products section in order to find the latest valves and fittings. Legend is constantly offering new and innovative products designed to ensure your success.





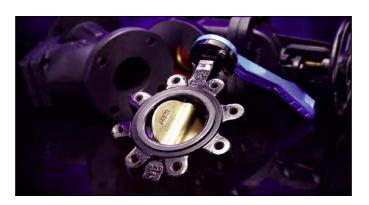
AT: www.legendvalve.com



QUALITY AT EVERY TURN™
1-800-752-2082
www.legendvalve.com



## **COMMERCIAL AND INDUSTRIAL CATALOG**









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Go To: **www.legendvalve.com** for updated product information



**A Legendary Guarantee:** Legend Valve & Fitting warrants each valve manufactured in its ISO-9002 facilities to be free of defects in materials and workmanship for a period of 5 years from the date of purchase when properly installed and operated under normal use and service. Should one of these valves be proven defective, Legend will pay directly to the installing contractor \$25.00 to help offset the cost of replacement in addition to replacing the valve. For complete details of this legendary warranty, please contact us.

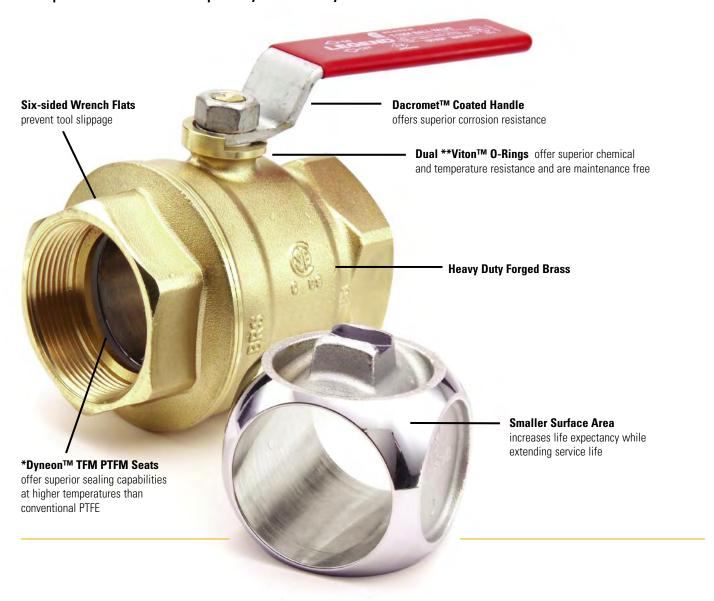


## **BALL VALVES**

## T-1004 BALL VALVE

### The "CUBIC BALL" is the first innovation in ball valves in decades!

T-1004 ball valves are constructed of heavy-duty forged brass. They are designed for commercial and industrial use on steam, water, oil or gas applications. The heavy-duty blow-out proof stem utilizes two \*\*\*Teflon™ anti-friction washers and two \*\*Viton™ O-rings. The T-1004's unique Cubic Ball design offers increased durability over traditional ball designs. Each Cubic Ball has been machined to eliminate 90% of the surface area that contacts the \*Dyneon™ TFM PTFE seats. **This results in a 20% reduction in torque and increases the life expectancy of the valve by 50%.** 



<sup>\*\*\*</sup>Teflon is a registered trademark of DuPont



### **BALL VALVES**

T/S-901 BRONZE

ISO 9002



Full Port Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats

Sizes: Threaded 1/4" to 3" Solder 1/2" to 2" T-1500 BRONZE

ISO 9002



3-Piece Full Port Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats

Sizes: Threaded 1/2" to 2"

#### T/S-1001 FORGED BRASS

ISO 9002



O-Ring Design

Full Port

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem \*Dyneon™ TFM PTFE seats

Sizes: Threaded 1/8" to 4"
Solder 1/2" to 4"\*\*

UL Listed FM Approved

CSA Certified to

ANSI/NSF 61

\*\*4" S-1001 is Cast Brass and Conventional Port

#### T/S-1002 FORGED BRASS

ISO 9002



CSA Certified UL Listed FM Approved NSF Approved Full Port Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats

Sizes: Threaded 1/4" to 3" Solder 3/8" to 3"

**Also Available:** T-1002ST – 316 Stainless

steel ball & stem

#### T/S-1004 FORGED BRASS

ISO 9002

#### T/S-800 FORGED BRASS

ISO 9002



CSA Certified to ANSI/NSF 61

UL Listed FM Approved

#### Full Port O-Ring Design

MSS SP-110 600 CWP 150 WSP

Cubic Ball Blow-out proof stem \*Dyneon™ TFM PTFE seats

Sizes: Threaded 1/2" to 4" Solder 1/2" to 3"



UL Listed NSF Approved

#### Reduced Port Gland Follower Design

MSS SP-110 400 CWP 150 WSP

Blow-out proof stem PTFE seats

Sizes: Threaded 1/4" to 4" Solder 1/2" to 2"

\*Dyneon in a registered trademark of 3M Company



## **SPECIALTY BALL VALVES**

#### T/S-2000 FORGED BRASS

ISO 9002



Full Port Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats

Sizes: Threaded 1/4" to 4" Solder 1/2" to 4"

CSA Certified UL Listed Meets ANSI / NSF 61-8

#### T-1002LD FORGED BRASS

ISO 9002



CSA Certified, UL Listed FM Approved

Full Port Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats

Locking device

Sizes: Threaded 1/4" to 2"

Also Available: T-1002STLD 316 Stainless steel ball & stem and Locking device

#### T/S-1002FLG BRASS

ISO 9002



Full Port Flanged Isolation Valve Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats Bolt set included

Sizes: Threaded 3/4" to 1-1/4" Solder 3/4" to 1-1/4"

Also Available: T/S-2012RFLG BRASS Drainable with Rotating Flange

#### **T-1001LD FORGED BRASS**

ISO 9002



CSA Certified to ANSI/NSF 61 UL Listed

FM Approved

Full Port O-Ring Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem \*Dyneon™ TFM PTFE seats

Locking device

Sizes: Threaded 1/2" to 2"

#### T-1002CC SPECIALITY - FORGED BRASS

ISO 9002



Full Port Gland Follower Design

MSS SP-110 600 CWP (Body) 200 CWP rated end connections

Blow-out proof stem PTFE seats

Cap & chain

Sizes: Threaded

3/4" FIP x 3/4" GHT

#### T-1005 BRONZE - VENTED

ISO 9002



Full Port Gland Follower Design

MSS SP-110 600 CWP

Blow-out proof stem PTFE seats

Locking device

Automatic Venting to atmosphere Meets OSHA 1910.147

Sizes: Threaded 1/2" to 1"

\*Dyneon in a registered trademark of 3M Company

## **SPECIALTY BALL VALVES**



## **CONSISTENT QUALITY**

## Legend-Press™ Maintenance Free Ball Valve.

The Legend-Press Ball Valve is an extension of the Legend T/S-1001 Series of Ball Valves that have been preferred by many contractors for years. These ball valves are maintenance free because of the dual Viton O-ring stem design that has no packing nut and gland assembly; therefore, eliminating call backs to tighten the nut.

The Legend-Press sockets, which are deeper than competitors, stabilize the tube when pressing the joint thus eliminating any possibility of movement or slippage. Moreover, two EPDM 0-rings on either end adds greater assurance of a perfect seal with every press.



#### **LEGEND-PRESS™ FORGED BRASS**

ISO 9002



Visit Legend's website for additional sizes

Full Port O-Ring Design

MSS SP-110 1/2"- 3/4" 500 CWP 1"- 2" 400 CWP

230° F Maximum Temperature

Blow-out proof stem \*Dyneon™ TFM PTFE seats

Press-to-connect Sizes: 1/2" to 2"

#### LEGEND-PRESS™ T-HANDLE FORGED BRASS



Designed for use on insulated piping systems

Full Port O-Ring Design

MSS SP-110 1/2"- 3/4" 500 CWP 1"- 2" 400 CWP

230° F Maximum Temperature

ISO 9002

Blow-out proof stem \*Dyneon™ TFM PTFE seats

Press-to-connect

Sizes: 1/2" to 1-1/4"

<sup>\*</sup>Dyneon in a registered trademark of 3M Company



## **SPECIALTY BALL VALVES**

T/S-1100 FORGED BRASS - DRAINABLE

ISO 9002



Full Port O-Ring Design

MSS SP-110 500 CWP

Blow-out proof stem \*Dyneon™ TFM PTFE seats

Drainable

Sizes: Threaded 1/2" to 1" Solder 1/2" to 1"

#### T/S-1102 FORGED BRASS - DRAINABLE

ISO 9002



Full Port Gland Follower Design

MSS SP-110 600 CWP

Blow-out proof stem PTFE seats

Drainable

Sizes: Threaded 1/2" to 1"
Solder 1/2" to 1"

### **SPECIALITY END CONNECTIONS**

T-1200 INSTA-LOC® FORGED BRASS

ISO 9002



Designed

for use with

Copper, CPVC

& PEX tubing

Full Port Push-to-Fit O-Ring Design

Meets the dimensional requirements of MSS SP-110 230 CWP

\*\*Meets NSF Standard 61 requirements 230° F Maximum Temperature

Blow-out proof stem \*Dyneon™ TFM PTFE seats

Sizes: CTS 1/2" to 1"

See page 22 for more details.

#### S-1002P FORGED BRASS

ISO 9002



Designed for Press-to-Connect connections Full Port Gland Follower Design

MSS SP-110 600 CWP 150 WSP

Blow-out proof stem PTFE seats

Type L Tubing Ends

Sizes: 1/2" to 2"

### **CARBON STEEL BALL VALVES**

T-720 CARBON STEEL BARSTOCK

ISO 9002



1-Piece Reduced Port Carbon Steel Barstock 304 Stainless Steel Handle & Nut, Ball & Stem

MSS SP-110 2000 CWP 150 WSP

Blow-out proof stem PTFE seats

Sizes: Threaded 1/4" to 2"

#### **T-725 CARBON STEEL**

ISO 9002



2-Piece Large Port 316 Stainless Steel Ball & Stem 304 Stainless Steel Handle & Nut

MSS SP-110 1/4"- 1" 2000 CWP 1-1/4"- 2" 1500 CWP 150 WSP

Blow-out proof stem PTFE seats

Latch-lock handle

Sizes: Threaded 1/4" to 2"

## **CARBON STEEL BALL VALVES**

### **ACCESSORIES**

**T-730 CARBON STEEL** 

ISO 9002



2-Piece Full Port 316 Stainless Steel Ball & Stem 304 Stainless Steel Handle & Nut

MSS SP-110 1/4"- 1" 2000 CWP 1-1/4"- 2" 1500 CWP

Blow-out proof stem PTFE seats

Latch-lock handle

Sizes: Threaded 1/4" to 2"

#### **Handles for CARBON & STAINLESS STEEL Ball Valves**



304 Stainless Steel Handles

Sizes:

T-710 Tee 1/4" to 2"

T-712 Oval 1/4" to 2"

Tee 1/4" to 1-1/4"

T-715 Oval 1/4" to 2"

Tee 1/4" to 1-1/2"

T-717 Oval 1/4" to 2"

-/1/ Uvai 1/4 to 2 Tee 1/4" to 1-1/4"

T-725 Oval 1/4" to 2" Tee 1/4" to 1-1/2"

T-730 Oval 1/4" to 2" Tee 1/4" to 1-1/4"

## STAINLESS STEEL BALL VALVES

T-710 STAINLESS STEEL INVESTMENT CAST ISO



1-Piece Reduced Port 316 Stainless Steel Body, Ball & Stem 304 Stainless Steel Handle & Nut

MSS SP-110 800 CWP 150 WSP

Blow-out proof stem PTFE seats

Latch-lock handle

Sizes: Threaded 1/8" to 2"

T-712 STAINLESS STEEL INVESTMENT CAST ISC

ISO 9002



2-Piece Full Port 316 Stainless Steel Body, Ball & Stem 304 Stainless Steel Handle & Nut

MSS SP-110 1000 CWP 150 WSP

Blow-out proof stem

PTFE seats

Latch-lock handle

Sizes: Threaded 1/4" to 4"

#### T-715 STAINLESS STEEL INVESTMENT CAST ISO 9002



2-Piece Large Port 316 Stainless Steel Body, Ball & Stem 304 Stainless Steel Handle & Nut

MSS SP-110 1/4"- 1" 2000 CWP 1-1/4"- 2" 1500 CWP 150 WSP

Blow-out proof stem Reinforced PTFE seats

Latch-lock handle

Sizes: Threaded 1/4" to 2"

#### T-717 STAINLESS STEEL INVESTMENT CAST

ISO 9002



3-Piece Full Port 4-Bolt 316 Stainless Steel Body, Ball & Stem 304 Stainless Steel Handle & Nut

MSS SP-110 1000 CWP 150 WSP

Blow-out proof stem PTFE seats

Latch-lock handle

Sizes: Threaded 1/4" to 2"



## **GATE, GLOBE AND CHECK VALVES**

ISO 9002

## **BRONZE GATE VALVES**

T/S-414 BRONZE



Class 125 Screw-Over-Bonnet

125 WSP 200 CWP

Non-rising stem Bronze body Solid wedge

Integral seat

Sizes: Threaded 1/2" to 2" Solder 1/2" to 2" T/S-415 BRONZE

ISO 9002



Class 125 Screw-In-Bonnet

125 WSP 200 CWP

Non-rising stem Bronze body Solid wedge

Integral seat

Sizes: Threaded 1/4" to 4" Solder 1/2" to 4"

**T/S-417 BRONZE** ISO 9002



Class 125 Screw-In-Bonnet

MSS SP-80 125 WSP 200 CWP

Rising stem Bronze body Solid wedge

Integral seat

Sizes: Threaded 1/2" to 3" Solder 1/2" to 3" T-416 BRONZE

ISO 9002



Class 150 Screw-In-Bonnet

MSS SP-80 150 WSP 300 CWP

Rising stem Bronze body Solid wedge

Integral seat

Sizes: Threaded 1/2" to 2"

## **BRONZE GLOBE VALVES**

**T-421 BRONZE** ISO 9002



Class 125 Screw-In-Bonnet

125 WSP 200 CWP

Rising stem Bronze body Bronze disc

Integral seat

Sizes: Threaded 1/2" to 2"

T-422 BRONZE

ISO 9002



Class 150 Union Bonnet

MSS SP-80 150 WSP 300 CWP

Rising stem Bronze body Renewable PTFE disc

Integral seat

Sizes: Threaded 1/2" to 2



## **BRONZE CHECK VALVES**

#### T/S-453 BRONZE



Y-Pattern Check Valve 150 WSP 300 CWP Bronze body Bronze disc

Sizes: Threaded 1/2" to 2" Solder 1/2" to 2"

#### T-450 BRONZE



In-Line Check Valve
200 CWP
Bronze body
Spring loaded
Buna-N seat

Sizes: Threaded 1/2" to 4"

### **SPECIALTY VALVES**

#### T/S-455 BRONZE



In-Line Check Valve MSS SP-80 250 CWP Bronze body Spring loaded Buna-N seat

Sizes: Threaded 1/2" to 2" Solder 1/2" to 2"

#### T-448 BRONZE



Foot Valve
Bronze body
Spring loaded
Buna-N seat
Stainless steel strainer
Sizes: Threaded 3/4" to 4"

ISO 9002

#### T-6800 & T-6801 Water Pressure Reducing Valves BRONZE



Water Pressure Reducing Valves CSA, UPC/IAPMO, ASSE 1003 and ANSI/NSF 61-8 Certified. 300 PSI.

Adjustable output range 25 to 75 PSI, Factory Preset at 50 PSI Serviceable without removing the entire valve

Sizes: 1/2", 3/4", 1"

The T-6801 (pictured) is the only compact PRV in its class with a screen that can be removed without disassembly.

#### T-40 Anti Scald Mixing Valve FORGED BRASS



Anti-Scald Mixing Valves ASSE 1016 and 1017 certified models Temperature actuated

mixing function

Automatic anti-scald protection
Thermostatic sensor

Constant water temperature Proportional function

Sizes: 1/2" to 1"

Additional models available



# CAST IRON GATE & CHECK VALVES



## **IRON GATE VALVES**

#### T-301 CAST IRON



Class 125 Non-Rising Stem Gate IBBM

Conforms to MSS SP-70 125 WSP to 450° F 200 WOG Non-shock

Bronze trim Class 125 Flanged ends Bolted bonnet Solid wedge Replaceable seat rings

Sizes: 2" to 12"

#### T-303 CAST IRON



Class 125 Outside Screw & Yoke IBBM

Conforms to MSS SP-70 125 WSP to 450° F 200 WOG Non-shock

Bronze trim Class 125 Flanged ends Bolted bonnet Solid wedge Replaceable seat rings

Sizes: 2" to 12"

## **IRON CHECK VALVES**

#### T-311 CAST IRON



Class 125 Horizontal Swing IBBM

Conforms to MSS SP-71 125 WSP to 450° F 200 WOG Non-shock

Bronze trim Class 125 Flanged ends Bolted cover Replaceable seat and disc

Sizes: 2" to 8"

#### T-312 CAST IRON



Class 125 Twin Disk Silent Check Valve Wafer Style

ANSI B16.1

Bronze disc EPDM seat Spring actuated

200 PSI/13.8 Bar non-shock cold working pressure

Max Temp. 200° F/93° C

Sizes: 2" to 12"

## **STAINLESS STEEL GATE, GLOBE & CHECK VALVES**

LEGEND VALVE

#### T-751 STAINLESS STEEL INVESTMENT CAST



Gate Valve Screw-In-Bonnet 316 Stainless Steel

125 WSP 600 CWP

Investment cast Non-rising stem Cast iron handle

Sizes: Threaded 1/2" to 2"

#### T-752 STAINLESS STEEL INVESTMENT CAST



Globe Valve Screw-In-Bonnet 316 Stainless Steel

125 WSP 600 CWP

Inserted bonnet Rising stem Metal-to-metal seat Cast iron handle

Sizes: Threaded 1/2" to 2"

#### T-750 STAINLESS STEEL INVESTMENT CAST



Swing Check Valve 316 Stainless Steel Body & Disk

125 WSP 600 CWP

Threaded ends

Sizes: Threaded 1/2" to 2"

#### **T-755 STAINLESS STEEL INVESTMENT CAST**



In-Line Check Valve 304 Stainless Steel

250 CWP

Spring loaded \*Viton™ seat

Sizes: Threaded 1" to 1-1/4"

#### T-756 STAINLESS STEEL



ISO 9002

Foot Valve 304 Stainless Steel

250 CWP

Spring loaded Buna-N seat

304 Stainless steel strainer

Sizes: Threaded 1" to 1-1/4"

## **BUTTERFLY VALVES**

All Legend Butterfly Valves are Ductile Iron, Epoxy Coated and 100% Factory Tested

Each Legend butterfly
valve uses our improved
lever handle assembly. The hub is
fastened to the body while the lever handle
fits onto the square stem shaft. The lever's torque
is isolated from the hub via anti-friction washer.
The lever handle also features a push-down latch
vs. a pull-up latch design.

#### T-335AB, T-337AB DUCTILE IRON



Please contact Legend for **Additional Disk Options** 

Wafer Style Lever Operated

MSSSP-67 API 609 200 WOG Non-shock

Ductile Iron body

Bubble tight seal Extended neck Bi-directional flow 10-position lever handle

EPDM (T-335) or BUNA (T-337) seat Aluminum bronze disc

Sizes: 2" to 12"

#### T-335AB-G, T-337AB-G DUCTILE IRON



Please contact Legend for **Additional Disk Options** 

Wafer Style Gear Operated

MSSSP-67 API 609 200 WOG Non-shock

Ductile Iron body

Bubble tight seal Extended neck Bi-directional flow

EPDM (T-335) or BUNA (T-337) seat Aluminum bronze disc

Sizes: 2" to 12"

#### T-365AB, T-367AB DUCTILE IRON



Please contact Legend for **Additional Disk Options** 

Lug Style Lever Operated Suitable for Dead End Service

MSSSP-67 API 609 200 WOG Non-shock

Ductile Iron body

Heavy duty construction Bubble tight seal Extended neck Bi-directional flow 10-position lever handle Dead-end application

EPDM (T-365) or BUNA (T-367) seat Aluminum bronze disc

Sizes: 2" to 12"

#### T-365AB-G, T-367AB-G DUCTILE IRON



Please contact Legend for **Additional Disk Options** 

Lug Style Gear Operated Suitable for Dead End Service

MSSSP-67 API 609 200 WOG Non-shock

Ductile Iron body

Heavy duty construction Bubble tight seal Extended neck Bi-directional flow Dead-end application

EPDM (T-365) or BUNA (T-367) seat Aluminum bronze disc

Sizes: 2" to 12"

#### **Gear Operator Only**



#### Gear Operator

Includes aluminum handwheel

#### **Gear Ratios**

2"- 6" operators - 24:1

8"-10" operators - 32:1

12" operators - 50:1



### Y-STRAINERS

### **BRONZE Y-STRAINERS**

#### T/S-15 BRONZE



Optional 40 and 80 mesh screens available

Y-Strainer

150 WSP 300 WOG

304 stainless steel 20 mesh screen\*

Closure plug furnished Can be installed vertically\*\* or horizontally

Sizes: Threaded 1/4" to 3" 1/2" to 3" Solder

\*Sizes: 2-1/2" to 3" use 1/16" perforated strainers.

#### T/S-16 BRONZE COMPACT



Optional 40 and 80 mesh screens available

Compact Pattern Y-Strainer

150 WSP 300 WOG

304 stainless steel 20 mesh screen

Untapped screen cap Can be installed vertically\*\* or horizontally

Sizes: Threaded 1/2" to 2"

## **CAST IRON Y-STRAINERS**

#### T-19 CAST IRON



\*Sizes: 2" to 4" are 1/16" Sizes: 5" to 8" are 1/8"

#### Class 125 Flanged Y-Strainer

125 WSP to 450° F 200 WOG non-shock

Class 125

304 stainless steel perforated strainer\*

Closure plug furnished

Can be installed vertically\*\* or horizontally

Sizes: 2" to 8"

#### **T-17 CAST IRON**



\*Sizes: 2-1/2" to 3" use 1/16" perforated strainers.

#### Y-Strainer

250 WSP 500 WOG

304 stainless steel 20 mesh screen\*

Closure plug furnished

Can be installed vertically\*\* or horizontally

Sizes: Threaded 1/4" to 3"

## STAINLESS STEEL Y-STRAINERS

#### **T-758 STAINLESS STEEL**

ISO 9002



Y-Strainer

150 WSP 600 WOG

316 stainless steel body

304 stainless steel 1/32" perforated strainer

Closure plug furnished

Can be installed vertically\*\* or horizontally

Sizes: Threaded 1/2" to 2"

## REPLACEMENT SCREENS & STRAINERS

#### **STAINLESS STEEL Screens & Strainers**



Replacement 20, 40 & 80 Mesh Screen

Stainless Steel - AISI 304 Sizes 1/4" to 2"

Replacement perforated strainer

Stainless Steel - AISI 304

Sizes 2-1/2" to 8"



### Legend thermoplastic valves provide a dependable and economical way

to service a variety of fluid handling applications. Our valves are for use in chemical processing, sewage and waste water treatment systems, swimming pools, vacuum services, chilled water lines, deionized water lines, industrial plating, food processing, corrosive liquids, fertilization and in many, many more applications. In many cases thermoplastic valves will out perform metal valves with respect to corrosion, abrasion and lower installation cost. But should the job specifications require a mixture of metal valves and thermoplastic valves you can now stay with just one brand name. Look below to see our wide variety of models, sizes and end connections.

### **CPVC BALL VALVES**

**S-605/S-606** ISO 9002



**CPVC Compact Ball Valve** 

NSF approved Pressure Rating: 150 PSI at 73° F Max Service Temp: 180° F

CTS solvent weld ends \*Teflon™ seats EPDM stem O-ring

Sizes 1/2"-1" are Full Port Bone color CPVC resin

Sizes: Solvent 1/2" to 2"

Also available S-606 Drainable Sizes: Solvent 1/2" to 1"

S-607 ISO 9002



**CPVC Compact Ball Valve** 

Pressure Rating: 150 PSI at 73° F Max Service Temp: 180° F Schedule 80 solvent weld ends

\*Teflon™ seats

EPDM stem O-ring Light grey color CPVC resin

Sizes: Solvent 1/2" to 2"



### **PVC BALL VALVES**

T/S-603 ISO 9002



**PVC True Union Ball Valve** 

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F Fits schedule 40 or 80 PVC Pipe Threaded or solvent ends included\*\*\*

\*Teflon™ seats EPDM O-rings

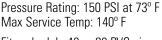
Grey color UPVC resin

Sizes: Threaded 1/2" to 4" Solvent 1/2" to 4"

\*\*\*Threaded adaptors for Sizes 2-1/2" to 4" sold separately Also available with \*\*Viton O-rings (Model T/S-603V)

Sizes: Threaded 1/2" to 2" Solvent 1/2" to 2" S-643





ISO 9002

Fits schedule 40 or 80 PVC pipe

Class 125 Flanged Ends \*Teflon™ seats EPDM O-rings Grey color UPVC resin

Sizes: 1/2" to 4"

**T/S-645** ISO 9002



**PVC Single Union Ball Valve** 

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

Fits schedule 40 or 80 PVC pipe \*Teflon™ seats

EPDM O-rings Grey color UPVC resin

Sizes: Threaded 1/2" to 2" Solvent 1/2" to 2" T/S-602

ISO 9002

Grey PVC Compact Ball Valve

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

**NSF** Approved

Fits schedule 40 or 80 PVC pipe

\*Teflon™ seats EPDM O-rings

Grey color UPVC resin

Sizes: Threaded 1/2" to 2" Solvent 1/2" to 2"

**T/S-600** ISO 9002



White PVC Compact Ball Valve

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

NSF approved

EPDM seats
EPDM stem O-ring

White color PVC resin

Sizes: Threaded 1/2" to 2" Solvent 1/2" to 2" T/S-601

ISO 9002



White PVC Compact Ball Valve

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

EPDM seats EPDM stem O-ring

White color PVC resin

Sizes: Threaded 1/4" to 4" Solvent 1/2" to 4"

<sup>\*</sup>Teflon is a registered trademark of DuPont

<sup>\*\*</sup>Viton is a registered trademark of Dupont



### **PVC BUTTERFLY VALVES**

**S-650** ISO 9002



Lever Operated PVC Butterfly Valve

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

Wafer style Bubble tight seal Bi-directional flow

EPDM seat EPDM O-rings

Grey color UPVC resin

Sizes: 2" to 8"

### S-651



Gear Operated PVC Butterfly Valve

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

ISO 9002

Wafer style Bubble tight seal Bi-directional flow

EPDM seat EPDM O-rings

Grey color UPVC resin

Sizes: 8" to 12"

## **PVC CHECK VALVES**

**T/S-611** ISO 9002



NOT SUITABLE FOR COMPRESSED AIR SERVICE PVC In-Line Check Valve

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F

Fits schedule 40 or 80 PVC pipe

1/2 lb. Stainless steel spring EPDM seal

Can be installed vertically or horizontally

White color PVC resin

Sizes: Threaded 1/2" to 2" Solvent 1/2" to 2" S-640

ISO 9002

#### **PVC Backwater Valve**

UPC/IAPMO Listed IPC Listed

For DWV installation at pressures less than 50 PSI

Access cap Neoprene O-rings

Sizes: Solvent 1-1/2" to 6"

Also available with 16" access sleeve & lid (Model: S-641)
Sizes: Solvent 2", 3"& 4"





#### **PVC Ball Check Valve**

Pressure Rating: 150 PSI at 73° F Max Service Temp: 140° F Fits schedule 40 or 80 PVC pipe

EPDM seal

Grey color UPVC resin

Sizes: Threaded 1/2" to 2" Solvent 1/2" to 2"

Can be converted to a Foot Valve by the addition of an optional UPVC Screen

## **ABS CHECK VALVES**

**S-660** ISO 9002



#### **ABS Backwater Valve**

For DWV installation at pressures less than 50 PSI

Access cap Neoprene O-rings

Sizes: Solvent 3" & 4"

Also available with 16" access sleeve & lid (Model: S-661) Sizes: Solvent 3"& 4"



## PIPE FITTINGS AND NIPPLES

### WROT COPPER FITTINGS

**Wrot Copper Pressure Fittings** 

ISO 9002

#### Legend wrot copper pressure fittings

are packaged in inner-pack bar-coded bags for ease in stocking and to prevent contamination during storage.

Available in sizes 1/8" through 2" in most configurations, and through 4" in others, there are more than 432 SKU's available, over fifteen different configurations.

All configurations can be oxygen cleaned, bagged and tagged.



#### Legend wrot copper pressure fittings comply with the following specifications:

ANSI / ASME B16.22 Wrot copper and copper alloy solder joint pressure fittings

MSS SP-104 Wrot copper solder joint pressure fittings

ASTM B152 Alloy C11000 Standard specification for copper sheet, strip, plated rolled bar

ASTM B75 Alloy C12200

Alloy C10200 Standard specification for seamless round copper tube for general engineering applications.

Refer to Price Sheet available on our website <u>www.legendvalve.com</u> for complete list of sizes

## **MALLEABLE PIPE FITTINGS – BLACK & GALVANIZED**

**Class 150 Threaded Malleable Pipe Fittings** 

ISO 9002

## Legend Class 150 threaded malleable pipe fittings are individually pressure-tested.

All fittings are packaged in double-corrugated, oil-resistant, boxes that are clearly marked. Available in sizes 1/8" through 6", over nineteen configurations, in either black or galvanized.



Legend Class 150 malleable pipe fittings comply with the following specifications:

ASTM A197 Standard specification for cupola malleable iron

ASTM A153 Standard specification for zinc coating (hot-dip) on iron and steel hardware

ANSI B16.3 Malleable iron threaded fittings

ANSI B16.14 Ferrous pipe plugs, bushings and locknuts with pipe threads

ANSI B16.39 Malleable iron threaded pipe unions

ANSI / ASME B1.20.1 Pipe threads— general purpose (inch)

Refer to Price Sheet available on our website <a href="www.legendvalve.com">www.legendvalve.com</a> for complete list of sizes



## **BRONZE FITTINGS**

**Class 125 Threaded Bronze Pipe Fittings** 

ISO 9002

## Legend Class 125 threaded bronze pipe fittings are individually pressure-tested

All fittings are packaged in sturdy, oil-resistant inner and master cases that are clearly marked. Available in sizes 1/8" through 4" over eighteen configurations.

All fittings can be furnished with a smooth, durable chrome plated finish. Oxygen cleaned, bagged and tagged services are also available.



#### Legend Class 125 threaded bronze pipe fittings comply with the following specifications:

ANSI / ASME B16.15 Cast bronze threaded fittings

ASTM B62 Standard specification for composition bronze or ounce metal castings

ANSI / ASME B1.20.1 Pipe threads—general purpose (inch)

Refer to Price Sheet available on our website <u>www.legendvalve.com</u> for complete list of sizes

### **NIPPLES**

**Schedule 40 Black, Galvanized and Red Brass Nipples** 

ISO 9002

**Legend Schedule 40 black, galvanized and red brass nipples** are constructed from seamless pipe lengths cut and threaded at both ends at half-inch incremental lengths from Close to the 6" length, and whole-inch increments from 6" to 12".

Available pipe diameters are from 1/8" to 4". Black and galvanized cut-length pipe are also available, in 18", 24", 30", 36", 48", 60" and 72" lengths, in pipe diameters 1/2" through 2".

1/2" through 1" black and galvanized nipples are also available in 66-pack assortments and nipple runs.

Red brass nipples are also available chrome plated.

## Legend Schedule 40 black, galvanized and red brass nipples comply with the following specifications:

ASTM B687-99 Standard specification for brass, copper

and chromium-plated pipe nipples.

ASTM A53 Standard specification for pipe, steel, black

and hot-dipped zinc coated, welded and seamless.

ASTM A123 Standard specification for zinc coating galvanization,

hot-dip application.

ANSI B36.1 Welded and seamless wrought steel pipe
ANSI / ASME B1.20.1 Pipe threads— general purpose (inch)



Refer to Price Sheet available on our website www.legendvalve.com for complete list of sizes



## NO HUB COUPLINGS

Join Cast Iron Soil Pipe, No-Hub Fittings or PVC!



**No Hub Coupling** 



ISO 9002

No Hub Coupling
Comply with;
CSA
UPC/APMO
CISPI
ASTM
standards
Neoprene gaskets
Stainless steel shields

and band clamps Sizes: 1-1/2" - 10"

**No Hub Reducing Couplings** 



ISO 9002

No Hub Reducing Couplings

Comply with; CSA UPC/APMO CISPI ASTM standards

Neoprene gaskets

Stainless steel shields and band clamps

Sizes: 2" x 1-1/2", 3"x 2", 4"x 2", 4"x 3"

**Legend No-Hub Couplings** are used in a variety of piping systems including vent, waste, sanitary, and storm drain systems. No-Hub is a mechanical coupling that replaces the use of the traditional hub and spigot joint used in many piping applications.

No-Hub couplings allow No-Hub pipe and fittings to be installed quickly, absorb vibration and withstand deflection. They can be installed above and below ground.

**Heavy Duty No Hub Couplings** 



ISO 9002

Heavy Duty No Hub Couplings

Comply with; CSA UPC/APMO CISPI ASTM standards

Neoprene gaskets

Stainless steel shields and band clamps

Sizes: 2" - 10"



## SPECIALTY PRODUCTS

4" Dielectric Union



## **DIELECTRIC FITTINGS**

#### T-575



Dielectric Nipples
Max Temp 180° F
ABS Plastic insert
NOT RECOMMENDED
FOR HYDRONIC
HEATING APPLICATIONS

Refer to Price Sheet for Sizes

#### T-578



Dielectric Couplings

125 CWP Max Temp 180° F Cotton reinforced phenolic resin insert

Sizes: 1/2" to 2"

#### **T-571 FORGED STEEL**



Dielectric Union Galvanized FIP x Brass Sweat

Conforms to ANSI B16.39

200 PSI

Max Temp 180 $^{\circ}$  F

Galvanized Forged Steel

teei

EPDM Gasket

Refer to Price Sheet for Sizes

#### **T-572 FORGED STEEL**



Dielectric Union Galvanized FIP x Galvanized FIP Galvanized Forged Steel EPDM Gasket

Sizes: 1/2" to 2"

#### **T-573 FORGED STEEL**



Dielectric Union Galvanized FIP x Brass FIP

Galvanized Forged Steel

EPDM Gasket Sizes: 1/2" to 1"

#### T-574 FORGED CARBON STEEL



Gas Service Dielectric Union Black

Galvanized Forged Steel

EPDM Gasket Sizes: 1/2" to 2"

## **DIELECTRIC ACCESSORIES**

#### Plastic Grommet For 4" T-571



5/8" Grommet

#### **Rubber Gaskets**



EPDM Rubber Gaskets

Sizes: 1/2" to 4"

#### **Gaskets & Inserts for Steam**



Steam Gaskets & Inserts

Max Temp 330° F Sizes: 1/2" to 4"





## **SPECIALTY PRODUCTS**

#### **Compression Repair Couplings**



Compression Repair Couplings Available in Galvanized Malleable Iron or Brass

125 CWP Max Temp 200° F Long Pattern

Sizes: Galvanized 1/2" to 2" (IPS)

Brass 3/8" to 1-1/2" (IPS) 1/2" to 2" (CTS)

#### **Compression Repair Couplings**

#### ISO 9002



Compression Repair Couplings Available in PVC or CPVC

Pressure Rating: 150 PSI at 73° F Max Service Temp: PVC 140° F CPVC 180° F

Long Pattern

CPVC are NSF approved

Sizes: PVC 1/2" to 6" (IPS) CPVC 1/2" to 3/4" (CTS)

#### **PVC Expansion Repair Couplings**



## Expansion Repair Couplings Available in PVC

Pressure rating: 150 PSI @ 73° F Max service temp: 140 F

Adjustable spigot end Buna-N O-ring

White color PVC resin

Sizes: spigot x socket 1/2" to 2"

#### T-30, T-31, T-32 Float Valve BRONZE

#### ISO 9002



Float Valves Male or Female Inlet x Male or Plain Outlet

125 CWP

Buna-N Seat

\*Adjustable float rod arm

Sizes: 3/8" to 2"

\*Float rods and floats sold separately

#### **Tankless Water Heater Isolation Valve Kit BRASS**



## Tankless Water Heater Isolation Valves Kit (Pair)

Full port ball valve design Integral drain valve w/tethered cap Union connections PRV included Sizes: 3/4"

#### **Square Head Plugs BRASS**



#### Raised or Countersunk Square Head Plugs

Southern Code Cored, cleanout style Sizes: 1-1/4" to 8"



**QUALITY AT EVERY TURN™** 1-800-752-2082

www.legendvalve.com

## **INSTA-LOC® VALVES & FITTINGS**

## Cut, Prep, and Push! It's That Simple.

Introducing Legend's INSTA-LOC® push-fit valves and fittings. Insta-Loc is engineered for connection to copper, CPVC, and PEX tubing in seconds. Installing a joint with INSTA-LOC is the best alternative to solder, glue, or crimping for a permanent connection designed to last a lifetime. Installation time is dramatically reduced. INSTA-LOC decreases the amount of time to complete a connection by a minimum of 60% versus soldering a copper fitting. Valves and fittings can be installed on wet or dry piping systems, installed effortlessly, and can be tested immediately.

INSTA-LOC valves and fittings are manufactured from an ASTM forged brass alloy making them lighter and stronger than traditional cast bronze construction. They are also 100% pressure tested. The result is higher quality and greater reliability. INSTA-LOC is simple requiring no additional materials beyond the fitting or valve for permanent connection to copper or CPVC. PEX installations require the addition of an insert.





\*\*\*As tested by UPC/IAPMO



## **INSTA-LOC® FITTINGS**

INSTA-LOC® 90° Elbow

ISO 9002



Push-Fit 90° Elbow \*Meets NSF Standard 61

Pressure rated to 230 PSI @ 230° F

Forged Brass

requirements

Compatible with Copper, CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"-1"

**INSTA-LOC®** Tee





Push-Fit Tee

\*Meets NSF Standard 61 requirements

Pressure rated to 230 PSI @ 230° F

Forged Brass

Compatible with Copper, CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"- 1"

**INSTA-LOC®** Coupling

ISO 9002

**INSTA-LOC®** Drop Ear Elbow

ISO 9002



**Push-Fit Coupling** 

\*Meets NSF Standard 61 requirements

Pressure rated to 230 PSI @ 230° F

Forged Brass

Compatible with Copper, CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"-1"

Push-Fit Drop Ear Elbow

\*Meets NSF Standard 61 requirements

Pressure rated to 230 PSI @ 230° F

Forged Brass

Compatible with Copper, CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"

**INSTA-LOC®** Reducing Tee

ISO 9002



**INSTA-LOC®** FIP Adapter

ISO 9002



Push-Fit Reducing Tee

\*Meets NSF Standard 61 requirements

Pressure rated to 230 PSI @ 230° F

Forged Brass

Compatible with Copper, CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"- 3/4"



Push-Fit FIP Adapter

\*Meets NSF Standard 61 requirements

Pressure rated to 230 PSI @ 230° F

Forged Brass

Compatible with Copper, CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"- 3/4"

<sup>\*</sup>As tested by UPC/IAPMO

<sup>\*\*</sup>PEX requires an insert stiffener - Page 24



## **INSTA-LOC® FITTINGS**

#### **INSTA-LOC® MIP Adapter**

ISO 9002



Push-Fit MIP Adapter
\*Meets NSF Standard 61
requirements
Pressure rated to
230 PSI @ 230° F
Forged Brass
Compatible with Copper,

CPVC, and PEX\*\* Tubing
Sizes: Push-Fit 1/2"- 3/4"

#### **INSTA-LOC®** Reducing coupling

ISO 9002



Push-Fit Reducing coupling
\*Meets NSF Standard 61
requirements
Pressure rated to
230 PSI @ 230° F
Forged Brass
Compatible with Copper,
CPVC, and PEX\*\* Tubing

Sizes: Push-Fit 1/2"- 1"

#### **INSTA-LOC® Cap**

ISO 9002



Push-Fit Cap
\*Meets NSF Standard 61
requirements
Pressure rated to
230 PSI @ 230° F
Forged Brass

Compatible with Copper, CPVC, and PEX\*\* Tubing Sizes: Push-Fit 1/2"- 1"

#### **INSTA-LOC® Reducing Elbow**

ISO 9002



Push-Fit Reducing Elbow \*Meets NSF Standard 61 requirements Pressure rated to 230 PSI @ 230° F

Compatible with Copper, CPVC, and PEX\*\* Tubing Sizes: Push-Fit 3/4"x 1/2"

Forged Brass

#### **INSTA-LOC®** Repair Kit

ISO 9002



Push-Fit Repair Kit Includes grip, guide and O-ring for one end connection.

Sizes: 1/2" to 1"

#### **INSTA-LOC® PEX Insert**



#### PEX Insert

For use on PEX tubing with INSTA-LOC® Fittings. Only ASTM F877 & F876 PEX tubing with a non-external oxygen barrier may be used in INSTA-LOC fitting.



## **CROSS-REFERENCE CHART**

## QUALITY AT EVERY TURN™ 1-800-752-2082 www.legendvalve.com

Detailed information on the Legend Products listed below is searchable on our website www.legendvalve.com using any of the model numbers in the chart (See the inside front cover)

VALVE TYPE	LEGEND	AP0LL0	KITZ	MILWAUKEE	NIBCO	STOCKHAM
Bronze Ball-2pc./full port/gland follower	T/S-901	77C	68/69	BA-400*/BA-450*	T/S-580-70*	T-285* / S-285*
Forged Brass Ball-2pc./full port/0-ring	T/S-1001		58/59	BA-475B*/BA-485B*	T/S-FP-600*	
Forged Brass-2pc./full port/gland follower	T/S-1002	64		BA-475B*/BA-485B*		T-255-FB-P-UL/S-255-FB-P-U
Forged Brass-2pc./full port/gland follower	T/S-2000	94A				
Forged Brass Ball-2pc./full port/cubic ball	T/S-1004					
Bronze Ball-3pc./full port/gland follower	T-1500	82-100	62*	BA-300*	T-595-Y	T-3595
Forg. Brass Ball-2pc./full port/SS trim	T-1002ST		68M/69M	BA-400S*	T-585-70-66*	
Forg. Brass Ball-full port/hose cap chain	T-1002CC	78-100	68C/69C	BA-100H*	T-585-70-HC*	T-285-BR-R-HC*
Forg. Brass Ball-full port/press-to-connect	Legend Press	77W		BA-480*	PF-FP-600	
Forg. Brass Ball-full port/push-to-connect	T-1200					
Carbon Steel Ball-1pc./conv. port/gland follower	T-720	93-100	50	10CS*	T-570-CS	T-1802-CB*
Carbon Steel Ball-2pc./full port	T-730	89-100	49M	20CSOR*	T-580-CS	T-2852-CS*
Stainless Steel Ball-1pc./conv. port/gland follower	T-710	96-100*	52	10SS*	T-560-S6*	T-1802-SS*
Stainless Steel Ball-2pc./full port/gland follower	T-712	76F	39*	20SS*	T-580-S6	T-2852-SS*
Stainless Steel Ball-3pc./full port/gland follower	T-717	86R-100		30SS*	T-595-S6	T-3951-SS*
Bronze Gate-NRS/Class 125	T/S-415		40/41	105*/115*	T/S-113	B-100*/B-108*
Bronze Gate-RS/Class 125	T/S-417		24/44	1152*	T/S-111	B-100*/B-108*
Bronze Gate-RS/Class 150	T-416		25/45	1150*	T/S-131	B-122*
Bronze Globe-Class 125	T-421		11//12	502	T-211	B-16
Bronze Globe-union bonnet/Class 150	T-422		2	590T*	T/S-235	B-22-T
Bronze Swing Check-Class 150	T/S-453		29/30	515*/1515*	T/S-433	B-321
Bronze In-Line Check-Spring Loaded	T/S-455	61-500	36/26	548B*/1548B*	T/S-480*	
Iron Gate-NRS/IBBM/Class 125	T-301		75*	F-2882A	F-619	G-612*
Iron Gate-OS&Y/IBBM/Class 125	T-303		72	F2885A	F-617-0	G-623*
Iron Swing Check-IBBM/Class 125	T-311		78	F2974M*	F-918-B	G-931*
CI Twin Disc Silent Check-Class 125	T-312		7022	8800*	W-920-W	WG-970*
Stainless Steel Gate-Class 125	T-751		31			
Stainless Steel Globe-Class 125	T-752		33			
Stainless Steel Swing Check-Class 125	T-750		34			
Stainless Steel In-Line Check-Class 125	T-755					
Ductile Iron Butterfly-wafer/lever operated	T-335	141-1	5122	CW-223-EC*	WC-2000-3	LG-512*
Ductile Iron Butterfly-wafer/gear operated	T-335-G	141-2	5122G	CW-323-EC*	WC-2000-5	LG-522*
Ductile Iron Butterfly-lug/lever operated	T-365	143-1	6122	CL-223-EC*	LC-2000-3	LG-712*
Ductile Iron Butterfly-lug/gear operated	T-365-G	143-2	6122G	CL-323-EC*	LC-2000-5	LG-722*

<sup>\*</sup>This item's features are not an exact match to our model. Please contact Legend to verify compatibility for your application.

#### **ALL ORDERS ARE SHIPPED IN 24 HRS**

#### **NO MINIMUM ORDER**





**NO RESTOCKING FEES** 



99% FILL RATE



**Guaranteed!** 



#### **ERROR FREE TRANSACTIONS**





Serving all of your Commercial Needs.



Legend Valve & Fitting, Inc. 51245 Filomena Drive Shelby Township, MI 48315 1-800-752-2082 www.legendvalve.com