LEGEND
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www.legendvalve.com
800-752-2082

SUBMITTAL SHEET

JOB NAME | ITEM TAG

JOB LOCATION | PART NUMBER

CONTRACTOR | DATE

ENGINEER APPROVAL | DATE

PVC COMPACT PATTERN BALL VALVE FOR PVC SCHEDULE 40 PIPE

T/S-600

Constructed of heavy-duty, corrosion-proof, virgin PVC resin.

EPDM seats and stem O-ring assure maintenance-free operation and maximum service life.

Compact-pattern molded-in-place body and one-piece ball-stem design, provide exceptional resistance to wear and to pipeline stress distortion.

Designed and certified for installation onto Schedule 40 PVC pipe potable water applications.

Threaded or solvent-weld end connection types, available in Nominal Pipe Sizes 1/2" to 2"

Pictured:
T-600

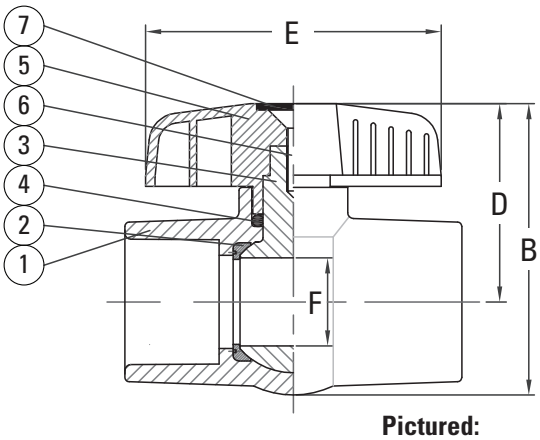
Pictured:
S-600

Working Pressure, Non Shock (PSI)

Cold Working Pressure (CWP):	150 psi @ 73°F
Working Steam Pressure (WSP):	Not suitable for steam service
Maximum service temperature:	140°F

MATERIAL SPECIFICATION

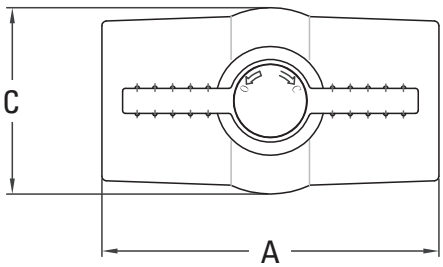
	PART	MATERIAL	SPECIFICATION
1	One-piece body	PVC resin	ASTM D1784, Class 12454
2	Seats (2)	EPDM elastomer	Commercial grade
3	One-piece ball-stem	UPVC resin	ASTM D1784, Class 12454
4	Stem O-ring	EPDM elastomer	Commercial grade
5	Handle	ABS resin	Impact grade
6	Handle Retaining Screw	Zinc-plated steel	ASME B18.6.7M
7	Screw cover	ABS resin	Impact grade



Pictured:
T/S-600, 1/2" - 2"
Cut-away view

DIMENSIONS - Inch

Nominal IPS	A	B	C	D	E	F
1/2"	3.27	2.50	1.46	1.77	2.76	0.55
3/4"	3.78	3.09	1.93	2.13	3.46	0.79
1"	4.21	3.72	2.24	2.60	3.94	0.98
1-1/4"	4.49	3.88	2.48	2.64	3.94	1.18
1-1/2"	5.12	4.47	2.95	2.99	4.29	1.42
2"	5.75	5.31	3.62	3.50	5.28	1.83



Pictured:
T/S-600, 1/2" - 2"
Top view

Certifications/Listings:

Third-party Certified

NSF/ANSI 61: Drinking Water System Components - Health Effects.

NSF/ANSI 14: Plastic Piping System Components and Related Materials.

NSF/ANSI 372: Drinking Water System Components - Lead content.

Standards:

ASTM F1970: Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems.

ASTM D1784: Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

ASTM D2466: Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.

ASTM F1498: Standard Specification for Taper Pipe Threads 60° for Thermoplastic Pipe and Fittings.

ANSI/ASME B1.20.1: Pipe Threads, General Purpose, Inch.