

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

UPVC SINGLE-UNION BALL-CONE CHECK VALVE

T/S-655

Ideal for swimming pool, process/wastewater or corrosive installations where the media or surrounding environment would otherwise attack a metallic valve

Fully-guided conical-ball design assures correct seal alignment and a positive seal, under low or high backpressures

Constructed using 100% virgin resins

Fits both Schedule 40 and 80 pipe

Can be converted to a foot valve by attaching the UPVC strainer (furnished separately)

Full port, uni-directional flow minimizes pressure drop

Single union end design eases installation. Both ends are either female pipe thread or solvent-weld socket

Ball-cone seals by gravity and backpressure in the vertical position (upward flow only) and by 2 to 4 psi backpressure in positions other than vertical

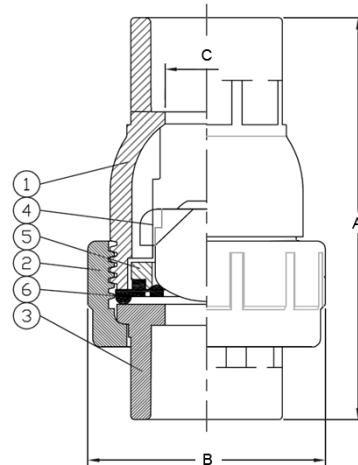
Not recommended for use with petroleum-based medias

Available in sizes 1/2" to 2", except for the 1-1/4" nominal size

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP):	150 psi @ 73°F
Saturated steam (WSP):	Not suitable for steam service
Maximum service temperature:	140°F

- Manufactured in compliance with ASTM F1970
- Female solvent-weld socket dimensions comply with ASTM D 2466 (Schedule 40) and ASTM D 2467 (Schedule 80)
- Female pipe thread dimensions comply with ASTM F1498 (thermoplastic threads) and ANSI / ASME B1.20.1 where applicable
- Manufactured in an ISO accredited facility



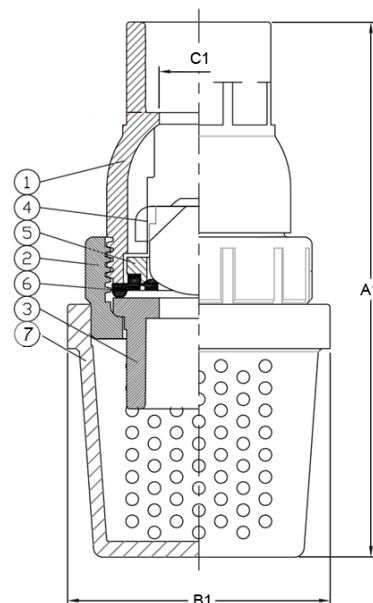
**Pictured
T/S-655
Cut-away**

MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Body	UPVC resin	ASTM D1784, Class 12454
2 Union nut	UPVC resin	ASTM D1784, Class 12454
3 End adapter	UPVC resin	ASTM D1784, Class 12454
4 Ball-cone	UPVC resin	ASTM D1784, Class 12454
5 Seal carrier	UPVC resin	ASTM D1784, Class 12454
6 Seat seal	EPDM	Commercial grade
7 Foot valve screen	UPVC resin	ASTM D1784, Class 12454

DIMENSIONS

Size	A	B	C	A1	B1	C1
1/2"	3.66	1.97	0.51	5.39	2.4	0.51
3/4"	4.29	2.44	0.79	6.06	2.8	0.79
1"	4.8	2.84	0.99	6.65	3.27	0.99
1-1/2"	6.1	3.82	1.58	8.03	4.37	1.58
2"	7.01	4.21	1.97	9.49	4.88	1.97



**Pictured
T/S-655 with foot
valve screen attached
Cut-away**