

Type	Size ANSI	Maximum Pressure PSI/Bar	Body Material	Overall Width B Inch/mm	Overall Height H Inch/mm	Weight Lbs./Kg
Thread	2" FNPT	250 PSI 17.2 Bar	Steel	10.75" 270 mm	23.2" 600 mm	50.7 lbs 23.0 Kg


ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	H-TEC AIR AND VACUUM VALVE
BY	DATE		
SCALE: N.T.S.			DATE: MAY 2022 DWG. NO. 123-1

No.	Component	Series - Epoxy-coated steel
1	Outlet elbow w. screen/camlock 1.5"	Polyethylene (PE)
2	Diaphragm	Buna HNBR
3	Hex Head Bolt	Stainless Steel
4	Hexagon nut	Stainless Steel
5	Debris shield	Polyethylene (PE)
6	Body	Steel - epoxy powder coated
7	Floater	Delrin®(PDM)
8	Roll valve, 1"	Stainless Steel
9	Floater spindle	Stainless Steel 316TI
10	Debris screen	Delrin®(PDM)
11	Diaphragm holder	Delrin®(PDM)
12	O-Ring 157 x 6 mm	Buna NBR
13	Clamping flange	Steel - epoxy powder coated
14	Upper air valve part	Delrin®(PDM)
15	Valve spring	Stainless Steel
16	Damper ring	Buna NBR

PAINT BODY OF THE VALVE BLUE USING AN EXPOXY PAINT.

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	H-TEC AIR AND VACUUM VALVE MATERIALS OF CONSTRUCTION
BY	DATE		
SCALE: N.T.S.		DATE: MAY 2022 DWG. NO.	123-2



CITY OF POMPAO BEACH			
STANDARD WORK DETAILS			
PALM AIRE TENNIS CENTER			
RWB / LINARES ARCHITECTURE			
			
DESIGNED: AMF	DATE: 10/2024	PUBLISHED: 3/10/2025, 12:17:13 PM	
DRAWN: AMF	DATE: 10/2024	PROJECT NUMBER	SHEET
CHECKED: BMP	DATE: 10/2024	P223-1290000922036	WD 04 OF 4