



REVISIONS			
Rev.	Modification	Date	Done By
A	Corrected Materials	10/16/2019	NPH

BILL OF MATERIALS					
* - Denotes an Optional, Non-Standard Material					
No.	Name of Part	Qty.	Material	Max. Temp. (°F)	
077	Connection End	2	Polypropylene	185°F	
			PVC	140°F	
			PTFE	225°F	
039A	Inner O-Ring	2	Viton®		
048	Glass	1	Borosilicate		
043	*Flutter Device	1	Vinyl		
Non-Wetted	004	Nut	4	Stainless Steel	
	003	Stud	4	Stainless Steel	
	039B	Outer O-Ring	2	Viton®	
	009	Shield	1	Acrylic Plastic	

Ratings					
Model Number	Material	Size	Pressure		Max Temp
			@ 50°F	@ Max Temp	
120	Polypropylene	1/2" - 3"	50 PSI	50 PSI	185°F
121	PVC	1/2" - 2"	140 PSI	110 PSI	140°F
		3"	110 PSI	90 PSI	
122	Teflon®	1/2" - 1"	120 PSI	60 PSI	225°F

PRODUCT SPECIFICATIONS								
NPT Size	A		B		C		D	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.
1/2"	4-3/4"	120.7	2-1/4"	57.2	1-1/2"	38.1	2-1/2"	63.5
3/4"	4-3/4"	120.7	2-1/4"	57.2	1-1/2"	38.1	2-1/2"	63.5
1"	5-1/4"	133.4	2-1/4"	57.2	1-3/4"	44.5	3"	76.2
1-1/4"	5-7/8"	149.2	2-1/2"	63.5	2-3/8"	60.3	3-1/2"	88.9
1-1/2"	5-7/8"	149.2	2-1/2"	63.5	2-3/8"	60.3	3-1/2"	88.9
2"	7-3/8"	187.3	3-1/8"	79.4	2-7/8"	73.0	4"	101.6
3"	8-3/8"	212.7	3-3/8"	85.7	4-3/8"	111.1	5-1/2"	139.7

**Notes:**

- \*Vinyl Flutter device available (Not Shown)

**S21T Series Configuration Choices:**

Reference the Series S21T Model Number Matrix on our Website or Inquire with our Sales Team

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<b>JOHN C ERNST LLC.</b>		www.JOHNERNST.com 21 Gail Ct. Sparta, N.J. USA	
Series S21T SFI Model 120 Cylinder Glass - Plastic - Threaded			
Sheet: 1 of 1	Drawn By: NPH	Tolerances, unless otherwise noted Dec.: ±    Frac.: ±    Ang.: ±	
Scale: <b>NTS</b>	Approved By: JCW	Size: A	
Dim.: Var.	Date: 29-JAN-19	Dwg. No.: SC2.0S21T.00.0.0	Rev.: A